



Jyoti Pilli



SUMMARY

- **20+ years of experience** in developing large-scale, Object-Oriented n-tier Scalable, high-performance distributed systems and web applications.
- Having **Public Trust Clearance** in Previous Projects.
- **US Citizen** with Excellent knowledge in **Healthcare, Cloud Computing, Trading, Investment Banking, Telecom, Retail, ERP and Logistics** domain.
- Strong design and development experience in J2EE and Web technologies including **JSP, Servlets, JDBC, JNDI, EJB, JMS, SOA, OSGI Bundles, SOAP and REST, JAX-WS Web Services and REST with Metro stack and Apache CXF, XML(SAX/DOM/STAX Parsers) GWT,CSS,HTML, DOJO.**
- Sound experience in developing and deploying applications using Application Servers like **Web logic, Web sphere Application Server, Jboss and Tomcat, Glassfish.**
- Working knowledge on **C, C++, Python, UNIX, PERL, SOAP, and Shell Scripts.**
- Strong Experience in database design using **PL/SQL** to write **Stored Procedures, Functions, Triggers** and strong experience in writing complex queries, using **DB2,Sybase,Postgres and CockroachDB.**
- **and Oracle.**
- Proficient in developing application for asynchronous data retrieval using **AJAX**
- Hands on working experience on **Swing, Struts framework, Hibernate, IBatis, JSF.**
- Integrating with **Spring Framework, Web Flow, Batch, Boot and Security.**
- Expert in using Java IDE's like **Spring Source, WSAD, Eclipse, Visual Age, RAD, Net beans 6.x.**
- Hands on experience in **TFS, PVCS, VSS, Win CVS, Accurev, Subversion and Clear case** as version manager.
- Implementing **FIX Protocol Messages** for **ETD (Equity Traded Derivatives)** and Generated **SWIFT** messages.
- Strong work experience in web services development with **JAX-WS** and Web **based application development, Middleware programming, Database programming, distributed computing, Server-side programming and Client Server computing** in n-tier software systems and **Service Now** Development.
- Proficient in Object Oriented Principles, Methodologies and Best Practices.
- Experience in **Functional Specifications / Business Requirement** Document Analysis.
- Ability to work independently in critical components and possess excellent analytical, communication, interpersonal, leadership skills. Self-starter, customer focused, detail oriented.
- Good knowledge of the different processes involved in the **Software Development Life Cycle** and has exposure to the standards, procedures & documentation followed by **CMMi Level 5** companies.
- Adhered to Rational Unified Process (RUP) standards in several projects.

- Involved in various activities like Design, Coding, End-to-End Testing and Production Support for various online applications.
- Used **HL7 Profiles** Specs, **NWHIN** Specs, **NIST** Tools and Model Driven Health Tools (**MDHT**) to load and extract Continue Care Documents (**CCD**) **CDA** Sections like Medications, Vitals, Problems, and Allergies etc.
- Solid experience in implementing applications in the capital markets industry with excellent exposure to **Equities, Options, Mutual Funds and Fixed Income**.
- Worked on various modules of **product Central Trade Manager (CTM2.30) in OMGEO**
- In-depth knowledge in **Fixed Income Securities, Derivatives** and **Commodity Futures**.
- Ability to learn and adapt quickly with new tools and technology.
- Knowledge
- Demonstrated ability to multitask and manage multiple projects in a cross-functional environment.
- Worked with Agile and Scrum methodologies.

SKILL SET

Operating Systems	Windows, DOS, Solaris, HP-Unix, Linux
Languages	C, C++.Python, Java 17, J2EE, EJB3.2, JSP, AJAX, Servlets, Struts, Hibernate, JPA, Spring, Spring Web flow, Spring Batch, Spring Boot, Swing, JDBC, JNDI, RMI, JMS, HTML, JavaScript, Angular, SOAP, Web services, Junit, VB, ASP, Shell /Perl, CORBA, Ibatis, GWT, DOJO, JSON
Database	Oracle 8i /9i /10g, Sybase11, SQL Server, DB2, MySQL Maria DB, PostgreSQL, CockroachDB.
Servers	Web logic Application Server 9.1/8.1/7.0, Web sphere 6.0,8.5, Tomcat 4.x, 5.0, JBoss, Glassfish, IONA Artix 5.6.
J2EE Technologies	JDBC, JSP, Servlets, RMI, EJB, JMS, JTA, Web services JAX-WS, REST, Micro services
Frameworks	Hibernate, Struts, Spring, Spring Boot
Tools	Toad7.6, PL/SQL Editor, Erwin, SQL Navigator, ANT1.6 JUB, Fitness, Sonar, Agitator One, Maven, EJB Gen2.0, IBM MQ Series, GWT, Adobe Framemaker, Informatica, Fuse ESB, OSGI Bundles, Karaf Console, HL7 Inspector, JCAPS Route Editor, JBOSS ESB, ServiceNow APIS.
Version Control	Team Foundation Server, Rational Clear Case, PVCS, VSS, Accurev, WinCVS,Code Cloud , GIT , Bitbucket
IDE	Spring Source, WSAD, Eclipse, Visual Age, RAD, Visual Studio Code, Glassfish.

PROFESSIONAL EXPERIENCE

Client: Options Clearing Corporation (OCC), USA

Project: Service Risk Orchestrator (SRO)

Project Description: **5/2024 to till date**

Full Stack Developer

Service Risk Orchestrator (SRO) is a Spring Boot 3.x and Java 17-based orchestration platform designed to automate the deployment, management, and monitoring of mission-critical Spring Boot applications and Apache Flink jobs in Kubernetes environments. The application streamlines deployment workflows by integrating with deployment tools such as Harness and ArgoCD, reducing manual intervention and dependency on ArgoCD for routine Spring Boot deployments. SRO publishes deployment lifecycle events and status updates to Kafka topics for real-time monitoring and auditing, while leveraging CockroachDB as the distributed relational database for storing deployment metadata, execution history, application configuration, and operational state. The platform is deployed and managed on Kubernetes clusters using Rancher and Ververica Platform, with CI/CD pipelines orchestrated through Jenkins.

Roles & Responsibilities:

Developed and enhanced RESTful APIs using Java 17 and Spring Boot 3.x to automate deployment workflows.

Designed and implemented deployment orchestration logic for Spring Boot services and Apache Flink jobs running in Kubernetes.

Integrated the application with Harness and ArgoCD to automate deployment execution and lifecycle management.

Developed data access layers using Spring Data JPA to persist deployment metadata, execution history, and application configuration in CockroachDB.

Designed and optimized SQL queries and database interactions to support distributed transactions and high-availability deployment workflows.

Implemented Kafka producers to publish deployment start, success, failure, and status events for downstream monitoring and auditing systems.

Developed business logic for deployment validation, execution, status tracking, and deployment history management.

Worked with Kubernetes resources including Deployments, Pods, Services, ConfigMaps, and Secrets to support application deployments.

Supported Apache Flink job deployments through Ververica Platform integration.

Configured and maintained Gradle build scripts and contributed to CI/CD pipeline development using Jenkins.

Troubleshoot production issues using Splunk logs, analyzed deployment failures, and implemented application fixes.

Performed unit testing, API validation using Postman, and participated in peer code reviews.

Collaborated with DevOps and platform engineering teams to improve deployment automation, application reliability, and operational efficiency.

Used Jira for Agile sprint planning, story implementation, defect tracking, and release support.

Supported application deployments and production releases across Development, QA, UAT, and Production environments.

Environment:

Java 17, Spring Boot 3.x, Spring Data JPA, REST APIs, CockroachDB, Apache Kafka, Gradle, Jenkins, Harness, ArgoCD, Kubernetes, Rancher, Ververica Platform, Apache Flink, IntelliJ IDEA, Splunk, Postman, Jira, Git/GitHub.

Service Now Integration Developer

ITOM (ServiceNow Discovery) is an automated process that crucially plays a crucial role in maintaining an accurate and up-to-date Configuration Management Database(CMDB) with the information it finds. continuously scans and identifies all the components within the IT infrastructure.

SNAPS Project -Congress is responsible for approving the IRS Operating Budget which takes 3 yrs. To accommodate this process, IRS is required to project long-range estimates of their workload and revenue needs. The process used by service centers and many other IRS organizations to support the IRS budgeting process is called Work Plans (WP) and Work Schedules (WS).

Responsibilities:

- Worked on Service Now Flow Designs.
- Created Action and Rest API Integration Scripts.
- Worked on CMDB, Configuration Item(CMDB_CI), Midserver and Incident management. Integrated Flow Design to read data from Mid Server and Processing the data and Creating Incidents.
- Work on Data Model Cleanup, Duplicate Removals.
- Worked on Service Now Server Side Scripts on SNAP Project.
- Participating in Designing and Development Discussions with Team.
- Worked on Service Now Forms and Table Data Creation.
- Worked on Work Plans and Work Schedules, Work Schedule Spreads etc.
- Coordinated with team for architectural challenges and technology stack.
- Evaluate requirements and interpret and convert into comprehensive stories in agile platform.
- Involved in unit level and end to end testing.
- Supported IRWorks Development,UAT and Production Environments.
- Worked on integration of ServiceNow APIs to the Application.

Environment: ServiceNow Xanadu..

Maximus Inc Falls Church Virginia USA

09/2018 to 06/2020

Client: IRS, NCFB LANHAM MD

Senior Java /J2EE Engineering

Tax Check Application (TCA) is being developed as part of the Tax Check Program (TCP), in order to automate the current PGLD process to provide tax compliance information as part of background investigation files. It will also provide a mechanism for case workers to assist individuals who failed the authentication process when attempting to obtain their Tax Compliance Report via the web application

TCCS will communicate to the IDRS/CFOL mainframe system via Java Consolidated Legacy Access Service (CLAS) API. The connection will go through an intermediary called SAC (Security and Communications System).

Responsibilities:

- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, MSSQL Server, Hibernate (HQL), Servlets and Web Services(SOAP).
- Involved in Development in Service layer using Spring Boot, Spring Batch, Spring AOP, SQL Server, GIT, Agile.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment.
- Involved in unit level and end to end testing, preparing mock data and coordinating with Testing

Team.

- Creating JSON & Soap Request to test the Webservices
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Resolved critical framework and configuration issues affecting performance and coordinate the demonstration of enhanced applications to Project Team and management.
- Designed and developed Spring Batch components to generate the PDF files.
- Coding and written Junits for unit testing of the new enhancements.

Environment: Java 1.8, JSON, Spring core, Sprint AOP, Spring Batch, Spring Boot, GIT, Agile, Webservices, SOAP, XML, SQL Server, Hibernate, **Kubernetes, Docker.**

Optimus Inc Virginia USA

01/2018 to 08/2018

Client: Anthem VA

Senior Java /J2EE Engineering

The Pop Health dashboard identifies attributed members who have active or potential gaps in care associated with recommended evidence-based care and our clinical quality metrics. Data is displayed for members who meet the criteria for the recommended evidence-based care. The report focuses on the status of that care and whether the patient is due for a service or treatment based on a specific condition or measure

Responsibilities:

- Evaluate requirements and interpret and convert into comprehensive change requests and make recommendations to management.
- Assisted other developers with software applications Pop Health Web portal, using languages and web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, PL/SQL, Oracle, Hibernate, Spring Framework.
- Involved in Coding in Service layer using Spring Integration, Hibernate (HQL), Servlets and Web services (REST & SOAP)
- Use applications such as Rational Application Developer for WebSphere, Erwin for Entity Relationship Diagrams for the Data Model, Using Microsoft Visio, Microsoft Office, and use expertise in policies, procedures, and strategies to plan and deliver IT services
- Written various Maven tool tasks for project builds and deployment.
- Used Generic DAO Patterns and Design Patterns across the Project.
- Creating JSON & Soap Request to test the Webservices.
- Using Informatica for Mappings.
- Interaction with the COTS Product EPICS Team for coordination.
- Involved in developing complex Stored Procedures in Oracle (PL/SQL)
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Optimized system performance by writing stored procedures.

Environment: Java 1.8, J2EE, Spring, Sprint AOP, Spring Batch, Agile, Oracle, RAD, WebSphere, Webservices, SOAP, XML, JSON, PL/SQL, Hibernate, Servlets.

Maximus Inc Falls Church USA

12/2016 to 01/2018

Client: IRS NCFB LANHAM MD

Senior Java /J2EE Engineering

Refunds Data Reports (RFDR) is modernizing the refunds data reports using the Customer Accounts Data Engine 2 (CADE2). As part of RFDR modernization migrate the BFS/NTRR/CID Cancellation Reports.

Responsibilities:

- Evaluate requirements and interpret and convert into comprehensive change requests and make recommendations to management.
- Developed with software applications for the Web portal environment, using languages and technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Oracle, Spring, Web Service technologies
- Coding and written JUnits for unit testing of the new enhancements.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment.
- As a good team player participated in resolving all complicated issues in development.
- Investigate, evaluate and select tools and methods for improving productivity and software quality throughout the life cycle.
- Developed Web services in JAX-WS, JAX-RS.
- Coordinated the production deployments.

Environment: Java 1.8, J2EE, XML, HTML, Spring, Spring AOP, Spring Batch, Agile, Webservices, SOAP, SQL, Oracle, Spring boot, Docker.

IBM

04/2013 to 12/2016

Client: AT&T

Senior Software Engineer – Working Remote

SDN-GP primarily interacts with two systems: Network Controller System (NCS) and Software Defined Networking GUI Controller (SDN-GC). SDN-GC is used to get the FT details; it is also used to store the Layer 2 connections across the uCPE and the Layer 3 details for any non-AVPN/AVPNIVLAN/ASE WANs. NCS is used to store Layer 3 details for AVPN/AVPNIVLAN/ASE WANs, LANs and VNF to VNF connections and it is a graphical front end which enables Engineers to configure AT&T Universal Customer Premises Equipment (uCPE) for customers. SDN-GP is used as part of an overall flow to set up, and maintain, an uCPE (Universal Customer Premises Equipment) at a customer site.

SDN-A is better, modular and cost-effective approach which uses ODL based technology over the traditional INSTAR/ARACS based activation engines for Juniper MX series routers.

SDN Controller is implemented using model driven approach to enable self-service, and New VNFs, Service and Network can be introduced using models that are built upon existing platform capabilities.

Models are developed by Technology Owners. This decouples code development from model development. Tech Dev delivers reusable “widgets”, generic capabilities and tool sets. Automation Focused teams work to deliver what they do best with integrated design across TechDev, TechArch, VNF Owner, Operations, Service Planner, and CSO.

Responsibilities:

- Developed micro services as part of SDN- C GUI.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, XSLT, DHTML, SOAP, SQL, MSSQL, Spring, Servlets and Web Services(REST & SOAP).
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment
- Involved in development and enhancement of the above applications.

- Setup DMAap configuration and coordinating with various team members.
- Mentoring the junior team members and fellow team members for the task accomplishments.
- Worked on Sonar for Code Coverage and written Junits.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Followed agile process and scrum methodology.
- Planned and organized team efforts, which include other subject matter specialists, and involve highly technical design issues.
- As a good team player participated in resolving all complicated issues in development
- Written Python Scripts to process EVCs for SDN-A to post rest services.
- Investigated, evaluated tools and methods for improving productivity and software quality throughout the life cycle.
- Worked on testing the Application SDN-GP old and new GUI.
- Written automated test cases using Selenium Robot framework.

Environment: Java 1.8, J2EE, REST, micro services, spring boot, spring, docker, dmaap configuration , JSP, JavaScript, dhtmlX (third party javascript based UI components), Ajax , Java, XQuery, JAX Beans, Velocity , Maria DB , CodeCloud (GIT),CSS, HTML, eclipse, Spring Source, XML,XSLT, XPATH, MSSQL, Python, Sonar, Angular JS, Selenium,JSF.

Application - BDMap

BDMap is a graphical, web based, multi-function, multi-service network management tool that provides internal users (AT&T personnel) and external users (Customers) with the capability to view customer network (inventory of AT&T provided services) and proactively receive status regarding the status of that network.

Responsibilities:

- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, MSSQL, Servlets, Microservices and Web Services (REST).
- Developing Webservice and Client for Bdmap using JAXWS, REST on Jboss.
- Participating in designing of the application using Relational Database.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment
- As a senior consultant giving advises on various architectural issues.
- Mentoring the junior team members and fellow team members for the task accomplishments.
- Written Junits for Unit Testing.
- Followed agile and scrum methodology.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- As a good team player participated in resolving all complicated issues in development
- Worked as the CSI federated developer to develop the services adhere to CSI standards.
- Participated migrating BDmap web application from weblogic to JBoss application server.
- Worked on developing POC for migrating Jaxws and CSI services to Micro services and Micro services platform.

Environment: Java1.8, J2EE, JAX-WS, REST, JBoss, Web services, JAXB, Tomcat 6, CSS, HTML, GWT eclipse, Spring Source, XML,XSLT, XPATH, Oracle ,MSSQL, Microservices, Business Objects.

Application - OTP

Order Transport platform is a stand-alone application which manages ASR lifecycle and provides services to OMX and other upstream applications:

Platform Specific Functions

- Receive and Accept OMX Service Request Trigger for ASR Creation, SUPP, and Cancel.
- Obtain Order Data for preprocessing prior to initiating ASR creation. Preprocessing include data derivation, validation, and decomposition.
- Invoke ASR activities. Monitor and process ACMS notifications.
- Update OMX with ASR status

Platform Generic Functions

- Create and update visibility sub plans that provide display of flow status.
- Create exception and manual tasks
- Record completed flow steps and transactions in Activity Log

Responsibilities:

- Developing Web service and Client for OTP using JAXWS, REST on CSI Federated Platform.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, MSSQL, Servlets and Web Services(REST).
- Given Knowledge transfer on CSI Federated API and FOBPM platform to bring the team up to speed.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment
- Participating in designing of the application.
- As a senior consultant giving advises on various architectural issues.
- Mentoring the junior team members and fellow team members for the task accomplishments.
- Written Junits for Unit Testing.
- Followed agile and scrum methodology.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team.
- As a good team player participated in resolving all complicated issues in development
- Worked as the CSI federated developer to develop the services adhere to CSI standards.
- Participated migrating OTP services CSI Fed APIs.

Environment: Java 1.8, J2EE, JAX-WS, REST, JBoss, Web services, JAXB, Tomcat 6, CSS, HTML, GWT eclipse, Spring Source, XML, XSLT, XPATH, MSSQL.

Application-ASOC

ASOC is a web-based application running under SUN Solaris with an Oracle database. It uses Tomcat

As its web server and Java servlet engine. HTML for user screens is generated via the Cocoon XML Processing engine. Basic architecture is explained through the modules mentioned below -

Customers/Clients access ASOC via GUI, XML interfaces & web services and CORBA, MQ series, Connect Direct.

Responsibilities:

- Developing Webservice and webservice Client for ASOC using JAXWS, REST on Artix.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Oracle, Hibernate(HQL), Servlets and Web Services(REST & SOAP).
- Participating in designing of the application.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment
- As a senior consultant giving advises on various architectural issues.
- Mentoring the junior team members and fellow team members for the task accomplishments.
- Written Junits for Unit Testing.

- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team.
- Followed agile and scrum methodology.
- As a good team player participated in resolving all complicated issues in development
- Worked as the CSI federated developer to develop the services adhere to CSI standards.

Environment: Java 1.7, J2EE, JAX-WS, REST, IONA Artix, Web services, JAXB, Tomcat 6, CSS, HTML, GWT eclipse, Spring Source, XML, XSLT, XPATH, Oracle.

Citiustech NewJersey USA

10/2012 to 04/2013

Client: Caradigm, Pennsylvania

Senior Java /J2EE HL7 Interface Engineering –Remote

Caradigm Health Information Exchange (GE & Microsoft Joint Venture)

CCD Extraction

Key HIE wants to parse the inbound CCD documents polling from a specific location and extraction all the following sections like Medications, Vitals, Allergy, Problem, Facility, Patient etc. and store in the database for future reporting.

Direct Lab Injection

The Direct Lab Injection project undertaken for Keystone HIE, Direct Lab Injection project is to forward lab results (or other clinical data as defined by an HL7 ORU message) to an external system for injection. The message shall be sent/retrieved through Kryptiq's Secure Messaging. In the event a user is registered within Kryptiq the message shall be delivered via Kryptiq's Secure Message Area or if a remote user Kryptiq shall use the NHIN Direct protocol for delivery. The message shall only be sent after successful import of the HL7 message within the HIE.

Responsibilities:

- Developed Webservice Client using Kryptiq Dot NetAPI.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Oracle, Servlets and Web Services (REST & SOAP).
- Worked on Continue Care Document (CCD) extraction using Open Health Tools Model Driven Health Tools.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment
- Extracted different sections of CCD like Allergies, Medication, Procedures etc and Mapped to the MySQL Database.
- Used JPoller to Poll the CCD extraction.
- Designed Data model suitable for Relational Database.
- Implementing GUI using GWT.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Used XPath for extraction the values from the CDA CCD's.
- Worked on various HL7 profiles.
- Investigated, evaluated tools and methods for improving productivity and software quality throughout the life cycle.
- Worked on OID Registration and Maintenance.
- Worked on Caradigm Product HIE (Health Information Exchange) & Route Editor using JCAPS.

Environment: Java 1.6,J2EE, JAX-WS, OpenHealth tools, Web services, JBOSS ,Apache CXF, Metro stack JAX-WS, JAXB, JAX-BPC, JCAPS, Route Editor(tool developed by GE),Tomcat 6,CSS,HTML,GWT eclipse, SpringSource,HAPI, HL7 2.x, XML,XSLT, XPATH, Oracle, Business Objects etc.

Medfx Corportion NewYork USA

05/2012 to 10/2012

Client: MedVirginia, Virginia & Horizon

Senior Java /J2EE HL7 Interface Engineering –Remote

MEDfx CONNECTfx was designed to facilitate adoption among NHIEs, HIEs, hospitals, and other healthcare stakeholders by offering diverse healthcare organizations an affordable, financially sustainable gateway to the NHIN.Utilizing the open-source CONNECT framework, CONNECTfx enables secure clinical data exchange between state and regional health information exchanges, integrated delivery systems, physician organizations, hospitals, private practices, community–based healthcare projects and the NHIN gateway.

Responsibilities:

- Evaluate requirements and interpret and track it.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, REST, SQL,Oracle, Hibernate(HQL), Servlets and Web Services(REST).
- Tier design, development, unit testing, Code Reviews.
- Worked on Connect using NHIN and HL7 Specifications.
- Worked on writing adapters for CONNECT 3.2 and 4.0.
- Investigated, evaluated tools and methods for improving productivity and software quality throughout the life cycle.
- Worked on Implementation guide for NHIN specification with solution architects. I handled independently Design, coding and testing for given allocated tasks.

Environment: Java1.6, J2EE, Glassfish, Terracotta, Zoo Keeper, CSS, HTML, GWT,Web services, JBOSS, Apache CXF and Metro stack for JAX-WS and REST, JAXB JAX-WS, JAXB, Oracle.

QSSI Inc Maryland USA

02/2012 to 05/2012

Client: CMS, Columbia MD

Senior Software Engineer

DXH (Data Exchange Hub)

The Centers for Medicare & Medicaid Services (CMS) awarded QSSI to support its ongoing mission to preserve and protect the integrity of the Medicare and Medicaid programs.

Responsibilities:

- Involved in developing web services and web service clients using JBOSS ESB and CXF JAX WS stack for Exchange Hub.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Oracle, ESB, Servlets and Web Services (REST).
- Worked on XSLT Transformations for the Input Messages.
- Worked on Web service Aggregation.
- GUI Designed and Implemented.

Environment: Java1.6,J2EE,Oracle,JBOSS ESB, MQ Series, MARC Logic, Web Services, HTML, CSS,GWT, XSLT, XPATH, **Mark Logic NoSQL**.

Client: AEGIS.net, Rockville**Senior Java Developer****Interop & Connect**

To participate on the National Health Information Network, NHIN Candidates will need to demonstrate that their candidate technical solutions for connecting to the NHIN are functioning and able to communicate correctly with other participants on the network. NHIN Candidates will exercise their candidate technical solution against an automated, internet-based Interoperability Test Platform. It allows NHIN Candidates to exercise Interoperability test scenarios against an automated, web-available tool and also Allow NHIN Representatives to assess each NHIN Candidate's performance against Interoperability test scenarios.

The intent of requiring Interoperability Testing within the context of the NHIN is to ensure that NHIN Candidates are able to "play nicely" with other NHIN participants, i.e. their business-case driven interactions with other NHIN participants should be in alignment with the NHIN & HL7 Specifications and demonstrate no adverse interactions. Interoperability Testing is not intended to be an exhaustive test of the NHIN & HL7 Specifications, nor is it intended to duplicate Conformance Testing.

Responsibilities:

- Evaluate requirements and interpret and create change requests tracked as User stories in the Agile Environment
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Oracle, Servlets and Web Services(SOAP).
- Involved in developing Interop Lab and Interop Candidate web application.
- Involved in writing whole Service layer, DAO layer and Web pages using struts 2.0
- Involved in Unit Testing, Integration Testing and System Testing.
- Worked closely with the team members to ensure compliance with the standards.
- Involved in Connect team to develop the test harness.
- Analyze the Connect Code to write the Audit Logging Component.
- Health Information Exchange (HIE), Patient Discovery, Query for Documents, Retrieve Documents, XDS.b Interfaces.
- Worked on Connect using NHIN and HL7 Specifications.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Worked on Configuring and Setting up of Connect 2.3, 2.4, 3.1, 3.2 and running Soap UI tests.
- Followed Agile Methodology in project development using 2 weeks Sprints with JIRA.
- Involved in Architectural Decision Making to Convert the Current Interop Architecture to SOA Fuse Based Components and deploying the OSGI Bundles on Karaf Console.

Environment: Java1.6, J2EE, Oracle, Subversion6, Struts2.0, Netbeans 6.8, Eclipse, Connect 2.4, 3.1, 3.2, Glassfish 2.3, Spring2.5, Windows, JUnits, SOAP, Web services, Hibernate, AJAX, Agile Methodology, **Fuse ESB**, Maven, OSGI Bundles, **Karaf** Console, Business Objects, JSF.

Client: ACS, Germantown**Senior Java/J2EE Developer**

This project is developing for FSA, the DMCSU will leverage the workflow capabilities the new system platform, the flexible rules engine, and the Extract Transform and Load (ETL) facility for incoming and outgoing file exchanges related to default collections. The new system will support the activities that occur when the defaulted borrower does not enter into a repayment agreement, including referral to a Private Collection Agency (PCA), forced collection through Administrative Wage Garnishment (AWG) and Treasury Offset Program (TOP), and referral to Department of Justice (DOJ) for litigation.

Responsibilities:

- Involved in Designing and establishing the base technical architecture of the entire Project.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked as User stories in the Agile Environment.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, MS SQL Server, Hibernate (HQL), Servlets and Web Services (SOAP).
- Provided technical Advises to all the team members and resolving technical issues.
- Involved in Coding entire Service layer, JPA, Spring Integration and DAO layer and JSP pages using struts 2.0 Tiles Framework.
- Used Generic DAO Patterns and Design Patterns across the Project.
- Involved in Unit Testing, Integration Testing and System Testing.
- Involved in Defect Fixing and Production Support.
- Worked closely with the team members to ensure compliance with the standards.
- Investigated, evaluated tools and methods for improving productivity and software quality throughout the life cycle.
- Followed Agile Methodology in project development.

Environment: Java1.6, J2EE, SQL Server, Clear case, Struts2.0, Spring2.5, Hibernate, JBoss5.0, Windows XP, junits, SOAP, Web services, JPA, GWT, Agile Methodology.

Omgeo , NYC, New York

06/2008 to 07/2009

Central Trade Manager (Canada Block Settlement)

Omgeo Central Trade Manager (CTM) provides a customized way for counter parties to match trades in a highly secure, scalable and centralized environment. CTM also provides real-time settlement instruction enrichment and settlement notification messaging.

CTM is mainly used by two sets of users, namely, Investment Managers (IM's), also referred to as Orders Executing Brokers, also referred to as Executors IM's use CTM for sending and receiving messages. CTM also supports usage of brokers for sending and receiving messages; but currently, all broker message traffic comes through the Oasys Global (OG) Bridge. In addition, CTM supports sending SWIFT format messages to Custodian Banks for the purposes of Settlement Notification.

Omgeo Central Trade Manager (CTM) 2.3 introduces omnibus block settlement support for investment managers settling in Canadian market. Although the settlement functionality was designated for Canadian Market, the omnibus workflow in this release has ability to aggregate sub accounts and match only at the omnibus level.

Omnibus block settlement aggregates multiple individual allocations settling at the same custodian into a single aggregated allocation. It provides investment managers flexibility to manage trades, settlement blocks (group of allocations), or individual allocations.

Responsibilities:

- Evaluate requirements and interpret and convert into comprehensive change requests tracked in Microsoft Excel sheet.
- Provided technical leadership to the project team and help resolve technical issues.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Oracle, Hibernate(HQL), Servlets and Web Services(REST & SOAP).
- Involved in designing & developing Third Party Notification (3PN) module for CBS.
- Involved in Coding, Design, Testing, Defect Fixing Phases.
- Implementing FIX Protocol Messages for ETD (Equity Traded Derivatives)
- Involved in Generating SWIFT Messages for Third Party Notifications.
- Designed the application in spring framework using AOP modules, JDBC abstraction and Hibernate for O/R integration.
- Involved in developing complex sql queries in Oracle (PL/SQL)

- Optimized system performance by writing stored procedures.
- Designed and developed the front end with JSP, JavaScript, HTML, Tag Libraries and CSS.
- Used AJAX for asynchronous data transfer, to show/hide details in Portfolio screens
- Involved in Developing GUI Report with Multiple tabs using Swings and having Save, Print functionalities.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Involved in production support for portfolio, trading and market data applications.
- Used Eclipse for writing code for Java, Servlets, JSP and JavaScript.
- Used Accurev as the version Control System.

Environment: Core Java1.5, JSP, Servlets, Spring, Hibernate, HTML, CSS, JavaScript, SWIFT Protocol, FIX Protocol, Oracle, IBM MQ Series, Linux Ubuntu, Swing, Accurev, Junits, Web logic

Lehman Brothers Inc. New Jersey

08/2007 to 06/2008

FOFX/RISC (Operation Technology Group)

This project is for the Futures, Options and Foreign Exchange. This system receives daily trades from different real time systems like Clear vision, ran task to RISC. RISC is combined system for “Rolfe and Nolen” and Lehman Brothers. The trades are fed to RISC from R&N side and the data will be replicated to Lehman for P&N sing and reconciliation. The reconciliation and trade balancing activity are done globally like ASIA, Europe, America to facilitate the cross-region clients

Responsibilities:

- Applied patterns like Business Delegate, Data Access Object, Front Controller, Factory method, Singleton, Data Transfer Object etc.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked in Microsoft Excel sheet.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, DB2, Business objects, Hibernate(HQL), Servlets.
- Provided technical leadership to the project team and help resolve technical issues.
- Implemented MVC Architecture using Struts Framework.
- Used Hibernate as O/R mapping tool.
- Developed stored procedures to fetch data to the UI in DB2.
- Provided regular status reports and pro-actively provide point-wise feedback on progress made, issues outstanding etc.
- Conducted weekly status report meeting with the team members and the clients.
- Maintained very challenging environment and team spirit among the developers.
- Prepared Documentation and Participated in System Integration.
- Participated in defining development standards and encouraged use of the best practices during the project execution.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Involved in Fixing Defects, Enhancements, and Production support.
- Designed the application in STRUTS and developed front-end pages with JSPs and JavaScript, using WSAD.
- Implemented trade balance logic using web service (servlets, http)
- Implemented the business logic for trading applications, such as Equities, Options, Mutual Funds and Fixed Income.
- Used Win CVS as the version Control System.

- Written Perl scripts for customization of feeds sent to various downstream systems.
- These Perl scripts are integrated with autosys.
- Written Perl scripts to interact with informatica.
- Used Sybase as the database written stored procedures and triggers in Sybase.

Environment: Java, JSP, Servlets, HTML, Struts, DB2, Hibernate, J2EE, PERL, Sybase, Shell script, UDB. Business works, Business Objects, ETL, Swing.

Infosys Technologies Ltd, India USA

01/2005 to 07/2007

Gscmpaml, Goldman Sachs, New Jersey

This project is for the AML-Compliance modules of Goldman Sachs, one of the largest investment bankers in the world. The share market being very dynamic the system needs to be known their customers and their transactions made in day-to-day life, In order to detect and prevent the illegal transactions, which are dangers for the country. This calls for a lot of enhancements and maintenance of the existing system. These systems keep the books and records of the Goldman Sachs accounts. The Accounts, entities, and their transaction details are the inputs for this system and results are sending to MANTAS to generate alerts for suspicious transactions. The applications run on UNIX (SOLARIS/LINUX). Perl, java, j2ee are used as the programming language, and Sybase/UDB is the Database Manager.

Responsibilities:

- Defined architecture of new development and re-structuring of an existing application for better performance.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked in Microsoft Excel sheet.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SOAP, SQL, Sybase, Hibernate (HQL), Servlets.
- Data feed using stored procedures, database jobs, XML data feeds, Java batch processing and JSP/Servlets User Interface development. Studied existing system and used Rational rose for the system analysis and design of the system.
- Used JSP pages through Servlets Controller for client-side view. Used Hibernate framework for database access.
- Used JMS to communicate and deployed in Web sphere Server.
- Created HTML, CSS, and DHTML pages for front-end, used Struts & JavaScript for client-side validation.
- Involved in the development of Stored Procedures using PL/SQL and Triggers for database updating and for data integrity.
- Adopted agile methodology.
- Wrote build and target files to configure build-process using ANT.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Developing test cases and performed unit testing.
- Planned and organized team efforts, which include other subject matter specialists, and involve highly technical design issues.
- Provided production support by interacting with the end-users and fixing defects.
- Built custom logging and exception handling framework with real-time notification capabilities and intelligent error messaging to send mail and messages to pagers – log4j, JMS, Java Mail
- Used PVCS as the version Control System.

Environment: Java, JSP, Servlets, HTML, J2ee, PERL, Sybase, Shell Script, UDB, XML, CSS, Hibernate, JNDI, JMS, RAD, Websphere5.1, Agile, Ant, Log4J, PVCS, Swing.

Gsfdrisk, Goldman Sachs, New York

This is the project for the Market Risk modules of Goldman Sachs, one of the largest investment bankers in the world. The share market being very dynamic the system needs to be upgraded to the latest needs very often. This calls for a lot of enhancements and maintenance of the existing system. These systems keep the books and records of the Goldman Sachs accounts. The Accounts, Products, Price and Positions are maintained by these systems. The J2ee applications run on UNIX box. Java, Perl, C, C++ is used

As the programming language and Sybase is the Database Manager.

Responsibilities:

- Development, Testing, Support, Porting (Linux Porting) and enhancement
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SQL, Sybase, DB2, Servlets.
- Designed User Interfaces using JSP, Servlets, and HTML. Developed JSP custom Tag Libraries.
- Implemented MVC Architecture using Struts Framework.
- Provided Test Scripts and Templates with test results of each task delivered to the client team.
- Provided regular status reports and pro-actively provide point-wise feedback on progress made, issues outstanding etc.
- Conducted weekly status report meeting with the team members and the clients.
- Involved in stress testing the application with JProbe and fixing the issues.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Written Perl scripts to simulate the production feed process in test and UAT environment.
- This simulation has been done to calculate RISK value accurately in Test environment and to be in sync with production.
- Written stored procedure and triggers in Sybase and DB2.

Environment: Java, JSP, Servlets, HTML, J2EE, UNIX, C, C++, PERL and **Sybase**, DB2.

Common Loan Origination Platform, Capital One Financial Corporation, San Diego, California

Capital One Financial Corporation is one of the world's top issuers of MasterCard and Visa credit cards. In addition to be a credit card company, Capital One is a full-service resource for people seeking a variety of consumer lending products, including vehicle loans. Project involved development of an Automatic Clearing house functionality for the customer. The platform of work included DB2, SQL, Java Script, HTML, Java, Java Servlets, Java Server Pages, EJB, Reports, XML Software products, Struts framework and Web sphere App server.

Responsibilities:

- Followed Rational Unified Process for the complete life cycle of the project.
- Evaluate requirements and interpret and convert into comprehensive change requests tracked in Microsoft Excel sheet.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SQL, DB2, Struts, Servlets.
- Implemented MVC Architecture using Struts Framework. Implemented validations using Validator Framework.
- Implemented Business Logic using Stateless Session Beans. Developed additional helper classes required by the EJBs to carry out the new business logic.
- I was involved in preparing detail design document, unit test plan for different modules.
- Always used the best practices of Java/J2EE to minimize the unnecessary object creation, encourage proper garbage collections of un-used objects, minimize database calls, and optimize queries to get better performance of application.
- Created User Interface using JSP/HTML
- Designed Database tables, views, indexes in such a way that they give best performance as a Data

warehousing product.

- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Involved in conducting code review and design review for junior developers.

Environment: Web sphere, DB2, Java, JSP, Servlets, HTML, J2EE, Struts 1.2, JDBC, JMS, Java Beans, EJB, HTML, JavaScript, XML, Linux, Rational Rose, Erwin, VSS.

IBM Global services Ltd India

12/2003 to 11/2004

Customer Manager / Desktop Suit Base System, IBM US, AT&T.

The Project is the CM/DSBS (Customer Manager / Desktop Suit Base System) application of AT&T. The application is a launching pad for other Billing, Payment, Account-manager and other applications of AT&T on Universal Platform (UP) and serves as a common interface to customer and account data repository applications and other legacy applications. CM/DSBS is a multi-tier web-based application hosted on Web logic application server. The applet/Servlet based UI provides a customer-centric view of Accounts and user information and enables user provisioning by administrator and work-center users. The CM-Tier2 communicates via a common IIOP API to DAL-Tier3 implemented in CORBA/C++ which internally communicates to different back-end legacy applications via IBM-MQ Series and BEA-Message Queue to retrieve Account and customer data. The other front-end application communicates to CM/DSBS through TCP-IP, RMI, CORBA, and DMQ to avail the various services and Oracle data store.

Responsibilities:

- Evaluate requirements and interpret and convert into comprehensive change requests tracked in Microsoft Excel sheet.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SQL, Oracle, Servlets.
- Development for various modules for different enhancement projects and maintenance requests.
- Testing and debugging of the new modules and maintenance requests changes.
- Involved in Fixing the Bugs.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- UI developed in SWINGS
- Planned and organized team efforts, which include other subject matter specialists, and involve highly technical design issues.
- Performed production support and 24x7 on call support.
- Used Rational Clear case as the version Control System.

Environment: Java, JSP, Servlets, **SWINGS**, Oracle, HTML, J2EE, C++, CORBA, Ant, Solaris 2.6, HP-Unix 11.0, Eclipse.

Planet Asia services Ltd India

06/2002 to 11/2003

One port System, Hong Kong.

The One Port EquipEx Outbound service will provide its shippers, truckers, consignees; 3PL's an electronic means to facilitate paperless interchange of containers such as collection of empty outbound containers with an electronic empty release order and allowing delivery of the outbound laden container with an electronic delivery order.

Responsibilities:

- Writing Junits Test Plans in Excel Sheet.
- Converting Junit Test Plans to Junits Code.
- Involved in Coding Session Beans, Entity Beans, and Business Delegate Beans.
- Developed with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SQL, Oracle, Servlets.

- Involved in Identifying API's.
- Preparing Sequence Diagrams
- Preparing Activity Diagrams using UML Rational Rose.
- I was Involved Equipex Module in One Port.

Environment: Windows NT, Oracle, Web logic, EJB, Maven, EJBGen, Junits, Struts.

HM-ERP System

The project work involves the implementation of a completely browser-based ERP package for Hindustan Motors Ltd. The package provides the solutions for the different segments such as Materials, Finance, and Sales Distribution.

Responsibilities:

- Implemented programs for Finance and Materials module such as Budgeting System, Cash Voucher Entry System, Store Maintenance System etc using HTML, JavaScript, JSP, Servlets and Beans.
- Developing and assist other developers with software applications in the development environment, using languages and Web technologies such as Java, J2EE, XML, HTML, SQL, DB2, Servlets.
- Developed a Common Routines package in Java, which consisted of several common
- Routines used in across the ERP package.
- Did Research, evaluate, and report on new and emerging developments in the Internet on latest Reporting Technologies and recommend adoption of new technology to the team and management.
- Developed a Client-Side Validations package using JavaScript.
- Interacting with the users of the existing system and capturing the new requirements from them.
- Preparing Use Cases, Logical Diagrams, and Class Diagrams using UML Rational Rose.

Environment: AS/400, Windows 2000, Java, JavaBeans, JSP, JavaScript, DB2, WSAD.

EDUCATION:

Masters in Computer Science

Andhra University, India

CERTIFICATION AND AWARDS:

- **Sun Certified Java Programmer 1.4.**
- Received '**Star**' award for the significant contribution to 'One Port Project'
- Certification in J2EE design patterns
- NSE's Certification in Financial Markets (NCFM) – Security Markets.
- Certification in OOAD
- ServiceNow Certified System Administrator.
- DataBricks Certified Data Engineer.

REFERENCES:

References Available upon request.