

- Java Software Solution Lead with over **10 years** of experience in designing, developing, and deploying complex enterprise-level software applications.
- Wrote comprehensive **unit tests** using JUnit and Mockito, ensuring consistent test coverage and reducing regression bugs in core modules
- Utilized **PostgreSQL** features like JSONB and array types for efficient handling of semi-structured data in modern applications
- Maintained clear and precise documentation of code changes, configurations, and test results with great **attention to detail**.
- Collaborate with program management, product management and Architecture on road map planning, feature development and transition of customer requirements into product features.
- Advocated for and practiced test-first development to embed **unit testing** early in the software lifecycle.
- Used **integration testing** to identify and fix data mapping issues and API contract mismatches across microservices.
- Worked with **Git-based platforms** like GitHub, GitLab, and Bitbucket to manage pull requests, perform code reviews, and handle branching strategies
- Collaborated with DBAs to set up and manage **database replication**, backups, and recovery strategies in production environments.
- Implemented secure access and integration on **application servers** by configuring SSL, LDAP, and role-based access controls.
- Configured and optimized **application server settings**, including JVM options, thread pools, and connection pools, to enhance performance and scalability
- Demonstrated strong **attention to detail** by thoroughly reviewing code and test cases, catching subtle bugs before deployment.
- Expertise in java development including design, troubleshooting of applications, completing product development as per requirements, contributing to team meetings, and handling troubleshooting, development, and production problems across multiple applications.
- Extensive experience in **Core Java**, including a solid understanding and working knowledge of Object-Oriented Concepts such as Collections, Multi-Threading, Exception Handling, Data Structures, and Polymorphism.
- Expertise in deploying **Spring Boot** based **Microservices** using **Docker containers** and **OpenShift pods** services, with strong hands-on experience in the development and deployment of cloud-native Spring Boot based microservices.
- Skilled in developing lightweight **microservices** and **RESTful** web services and a strong working knowledge in creating and deploying Microservices-related applications using **Spring Boot**.
- Regularly evaluate and adopt best practices aligned with evolving **industry trends** and improvements in **AWS services** to enhance application performance and security.

- Implemented Continuous Integration/Continuous Deployment using **Jenkins** and used tools such as **Splunk**.

Languages	Java, Java Script, SQL, and PL/SQL.
Web Technologies	Java, J2EE, RESTful, SOAP web services, AWT/SWING, HTML, XML, JSON, XSL, XSLT, Java Script, DOJO, EJB, Groovy, Angular.
Application Framework	Spring MVC, Spring REST, Spring Batch, Spring Boot, Microservices, Web Services,
DBMS	Oracle 9i/10g/11g/12c, MySQL and MongoDB.
Tools	Eclipse, GlassFish, Ant, Jenkins, SoapUI and Log4j, Toad, Splunk, Exstream,
Container Platform	AWS, Red Hat OpenShift Container Platform, Docker, Kubernetes.
Web/App Servers	Tomcat, Web Logic and JBOSS.
Version Control	Clear Case, RTC and GIT.
Methodologies	Agile, Scrum, Test-Driven Development (TDD).

PROJECTS DETAILS

IRS

Senior Full Stack Developer

Apr 2022 - Current

- Designed and implemented a validation service that generates validation results for a given JSON input based on the rules specified in a CSV file. This service empowers product owners and analysts to update validation rules with minimum developer involvement, thereby streamlining the validation process.
- Created a proof of concept (POC) for Vault injector in a microservice using the Ultron library to enhance security and optimize configuration management.
- Worked extensively with **database technologies** to support transactional consistency, indexing strategies, and performance tuning.
- Improved the stability of **unit testing** by isolating asynchronous and time-dependent code segments.
- Collaborated with team members in code development, testing, integration, and delivers using Gradle, Jenkins and Git.
- Set up a CI/CD pipeline using AWS CodePipeline and CodeBuild to automate testing and deployment of Java services to ECS, drastically reducing manual release overhead.
- Simulated real-world service interactions during **integration testing** by mocking external APIs and databases.
- Analyzed the requirements by participating in sprint planning sessions.
- Integrated **PostgreSQL** with Java applications using JDBC and ORM tools like Hibernate for seamless data access
- Collaborated with DevOps and QA teams to ensure consistent deployment processes and environment configurations across all **application servers**.

- Created and maintained scripts (WLST, shell) to automate domain creation, resource configuration, and deployment tasks across multiple **application server** instances.
- Ensured seamless data consistency between layers through rigorous **integration testing** of persistence and caching mechanisms.
- Maintained versioned documentation and configuration files in **version control systems** to ensure traceability and auditability.
- Ensured **database security** and compliance by enforcing access control, encryption at rest, and regular audit logging procedures

Stratosphere Software Developer III

July 2021- Apr 2022

- Participating in requirements gathering, estimation and contributing to overall design, documentation and development efforts in the project and supporting day to day activities.
- Implemented process enhancements to increase the efficiency, productivity, and quality of the Tax Next Generation product, including the creation of code generation templates which saved 1000s of hours of development time for the team.
- Following Agile Scrum software development methodology.
- Analyzing the requirements by participating in sprint planning sessions.
- Designing and developing software solutions as per the programming standards for complex business problems.
- Using Eclipse IDE for development, Swing Layout for the UI design and Log4J for logging.
- Developed parameterized and data-driven **unit testing** to increase test coverage and reduce repetitive code.
- Automated **integration testing** workflows using tools like Spring Boot Test and RestAssured, ensuring consistent environment setups.
- Integrated **unit testing** into CI/CD pipelines using Jenkins and Maven Surefire, providing quick feedback on code quality with every build.
- Using JIRA to track the status of individual tasks and overall project.
- Involving in making the pipelines using Openshift for the Microservices Architecture.
- Participating in creating the Docker images in the OpenShift Container Platform.
- Achieving continuous integration using tools like Jenkins, Gradle and Git.
- Integrated issue tracking tools like Jira and Azure Boards with **version control systems** to improve traceability between code and requirements.
- Applied **problem-solving skills** to resolve production outages by analyzing AWS CloudWatch metrics and logs, identifying misbehaving services or scaling issue
- Solved environment-specific deployment issues by debugging configuration drift between AWS environments using Git version history and **AWS Systems Manager**.
- Involving in fixing and enhancing the code for change requests.
- Participating in Code Reviews and providing the feedback for the improvements.
- Applied strong **problem-solving skills** to troubleshoot and resolve issues related to AWS IAM permissions, VPC configurations, and S3 access policies
- Generating XML files to input to Exstream for reporting.

- Using Jira, Service Manager and Quality Center for change request management and defect tracking.

Anthem
Java Developer

June 2019 - May 2021

- Involved in Analysis, Design, and Implementation of cloud native applications using Java/J2EE, OpenShift, RabbitMQ, XML, XSLT, WSDL and Web Services (SOAP, Restful) within a Service Oriented Architecture.
- Participated in requirements gathering, development and effort estimation.
- Followed Agile Scrum software development methodology.
- Analyzed the requirements by participating in sprint planning sessions.
- Used Eclipse IDE for development and Swing Layout for the UI design.
- Used Jira and Quality Center for change request management and defect tracking.
- Involved in developing session beans used as pass-through.
- Developed applications in UNIX, Linux.
- Used AWS Secrets Manager to securely inject DB credentials into Java applications at runtime.
- Participated in source code reviews and provided feedback for improvements.
- Wrote services to store and retrieve data from the MongoDB.
- Designed a version-controlled infrastructure-as-code system using Git + AWS CloudFormation, making rollbacks and audit trails easier to manage.
- Used Toad to develop the SQL queries and Stored Procedures.
- Configured CloudFront as a CDN in front of a Java-powered API to reduce latency and improve content delivery
- Coordinated with the test engineering teams for functional testing and acceptance testing.

BOFA
Java Developer

May 2015 - May 2019

- Set up the deployment environment on GlassFish V2. Developed system preferences UI screens using JSP2.0 and HTML.
- Involved in Analysis, design and coding on J2EE Environment.
- Followed Agile Methodology to produce high Quality Software.
 - Involved in the development of Patient Search, Radiology, EKG, and Medication Modules.
 - Handled Client-side events and triggers using Java Script validations.
 - Responsible for developing use cases, class and sequence diagram for the modules using UML and Rational Rose 2000.
 - Designed database tables with Hibernate as the ORM mapping tool and worked on Hibernate Query Language (HQL).

- Developed system preferences UI screens using DOJO controls, JSP templates and HTML.
- Developed web Components using DOJO, JSF and developed Server-side components using DAO's and Hibernate under J2EE Environment.
- Server-side validations are done using JSF technology and generated render responses for any errors in the input.

EDUCATION

Bachelor of Technology in Electronics and Communication from JNTU, India.