

Joseph J. Marini

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Professional Summary

Experienced Full Stack Java, software engineer with a passion for software development and a proven track record in designing and building Web, Mobile and Desktop applications. Recognized for expertise in user interface (UI) development, infrastructure design and mentoring software engineers

- Individual contributor with a demonstrated ability to guide and train development teams
- Specialized in solving complex UI challenges with innovative solutions
- Extensive experience in Java programming, with a focus on scalable and maintainable infrastructure
- Adept at collaborative team environments and cross-functional communication
- Commitment to deliver high-quality solutions and meet project goals.
- Strong analytical, organizational, and communication skills, including whiteboarding and technical writing
- Adjunct professor of Java programming at Rivier University Nashua, NH.

Skills

Languages: Modern JavaScript, TypeScript, Java 17/24, C#, C++, C, Python, Ruby

Technologies: Java JDK, Java Server Faces (JSF), Tomahawk, Facelets, Tiles, JSP, GUI, Java Beans, Spring, Spring boot 2/3, Spring MVC, Spring Batch, J2EE, XML, XSLT, XHTML5, CSS, JFC/Swing, JavaFX, OOD, OOP, UNIX shells, Java Web Start/JNLP, JNI, JQuery, JQuery UI, AJAX, JQX UI, JSON/REST, Angular 7/8, RxJS, Protocol Buffers, ZeroMQ, React, WorldWind Web, SonarQube, AWS, AI Claude, Cucumber

Tools: Eclipse, MyEclipse, NetBeans, NetBeans RCP, IntelliJ IDEA, WebStorm, Android Studio, Visual Studio Code, JUnit, Ant, Maven, Gradle, SVN, Git, Atlassian tools, Jira, Agile Scrum, TOAD, Firebug, Postman, Swagger, Talend, SoapUI, JBoss Developer IBM workflow, Node NPM, Docker, Hight Charts, Microservices

AI: Claude

Design Patterns: Java design patterns, JavaScript design patterns.

Databases: MySQL, Oracle 9i/10g, PostgreSQL, MongoDB, ORM Technologies: DB Magic, Hibernate

Operating Systems: Windows, Unix, Linux, Red Hat, Mac

Networking: SNMP, TCP/IP, UDP

Web Servers: Tomcat, Glassfish, IBM WAS, WebLogic, JBoss, Apache

Online Training: Node.js, Angular2+, Android, Backbone, Protocol Buffers, Spring boot 3, Python, AI Claude, Cucumber, Ruby

Security Clearance: Active Clearance TS (reverified 04/15/26), Active Public Trust Clearance

Engineering Skills

- Individual contributor with hands on development within an agile development environment.
- Advance research new technologies.
- Mentoring engineers.
- Teaching engineer's new technologies, solutions, and software patterns.

Teaching Skills

- Adjunct professor Java programming basic, intermediate, advanced

Education

M.S. Computer Science, Rivier University, Nashua, NH - Graduated Honors – CUM 3.75

B.S. Computer Science, Boston University, Boston, MA – CUM 3.70

Professional Experience

Leidos Reston, Virginia Defense Sector

Full Stack Java Software Engineer

12/2025 – current

Skills: Agile Scrum, Jira, Git, Java, Microservices, JavaScript, TypeScript, Full Stack, Spring Boot Rest, JUnit, React, AI Claude, Ruby, Cucumber

C2Imera 2 project:

- Software Development, Bug fixes, Validation testing, JUnit testing, Cucumber testing

Booz Allen Hamilton Lexington, MA.

Global Defense Group (GDG)

Full Stack Java Software Engineer

09/2020 – 04/2025

Worked on the following government contracts through Booz Allen Hamilton

Morpheus JEMSOC ODI Project

11/2024 – 01/2025

Skills: Agile Scrum, Java Full Stack, Rest, JSP, Docker, Spring Boot 2, AWS

Mercury Application:

- Bug fixes, Validation testing

Internal Revenue Service ECM Project

08/2023 – 10/2024

Skills: Agile Scrum, Java Full Stack, Rest, Java 21, Spring Boot 3, Junit, SoapUI, AWS

- IRS Module JUnit testing, IRS data validation using JUnit validation
- IRS data validation using SoapUI, Validating multiple service operations

CRAM Detection Project for US Airforce

09/2020 – 07/2023

Skills: Agile Scrum, Jira, Git, Java, Protocol Buffers, ZeroMQ, Microservices, JavaScript, WorldWind Web, Full Stack, Spring Boot 2 Rest, JUnit, React, C++

- Designed and developed protocol buffers used to communicate between internal micro services.
- Implemented CRAM common utilities supporting multiple protocol messages.
- Implemented radar operations test service supporting multiple protocol messages.
- Refactored services test harness allowing it to support, testing multiple microservices.
- Implementing a map web application using WorldWind Web and React.
- Refactored logging for all services, each log's to its own separate logging file.
- Added tool tipping support to map application, for static floating views.
- Added additional track information static view, and table paging dialog.
- Refactored and fixed issues in MNS (Tower Service) microservice.

IBM The Weather Company Andover, MA.

Full Stack Software Engineer

08/2018 – 06/2020

Skills: Agile, Jira, Git, JavaScript, Typescript, Angular 7/8, RxJS, Full Stack, C#, High charts

Development Weather Company web application

- Designed and developed graphical chart Meteogram component and widget using High charts.
- Developed agriculture component, supports 15-day weather forecast and agriculture attributes.
- Added airport codes support for location search, front end and server-side rest controller.
- Added username filtering support during dashboard creation.
- Added save user context support to hourly, daily, agriculture (AG) view.

- Added support for min/max values for weather attributes forecast and current data panels.
- Added support for lightning panel functionality.

Patient Keeper, Inc. Waltham, MA.

Full Stack Java Software Engineer - Contract

02/2018 – 05/2018

Skills: Java, JavaScript, Full Stack, JQuery, JSON/Rest, Backbone, Spring MVC

Development 9X web/mobile application

- Refactored and fixed several issues to order list gadget.
- Added Group, Definition, and Status object support to order list gadget, edit and view mode.
- Developed backbone models for order groups, and order definitions for order list gadgets.
- Developed spring rest controllers for order groups and order definitions to retrieve backend data.
- Added server-side filtering for Groups, Definitions, and Statuses.

Aptus Health Inc. Reading, MA.

Full Stack Java Software Engineer – Contract

02/2017 – 11/2017

Skills: Java, C#, JavaScript, TypeScript, Android

Refactored QuantiaMD (<https://quantiamd.com>) web application JavaScript module structure

- Refactored, collapsed duplicate JavaScript source tree structure based on platform type.
 - Web, mobile, android and iOS platforms.
- Converted JavaScript classes to TypeScript classes.
- Re-designed application versioning system, and updated server code to support new design.

Massachusetts Institute of Technology Lincoln Laboratory Lexington, MA

Full Stack Java Software Engineer - Contract

07/2010 – 01/2017

Skills: Java, JavaScript, JQuery, AJAX, JSON/Rest, JQuery UI,

JQX UI, Android, JFC/Swing, Hibernate (DB Magic), PostgreSQL

Designed and developed JavaScript client models for search-based projects. (Web)

- Refactored the project from using JSP's to using JavaScript MVVM client models.
- Designed all the JavaScript client models mirroring the server-side Java objects.
- Architected and wrote all the JQuery Ajax server JSON/REST requests, for each type of model manager.

Designed and developed task-oriented project, within an eclipse environment. (Swing)

- Task oriented project, for viewing graphical information entity within Socket GXP.
- Designed and developed multiple UI custom table views displaying task and Meta data information.
- **Ported task-oriented project to a Web JavaScript MVVM version (Web)**
 - Added JQuery Gridx table component support.
 - Designed Ajax support using JQuery for issuing Ajax JSON/REST request to the server.

Ported detection plugin project to the web, developing map applications to support detection data. (Web)

- Designed multiple JavaScript tree views for detecting data objects, and detection image objects.

Developed a 1.5-day course on advanced modern JavaScript

- Developed topics on, common issues learning JavaScript, from an OOP language perspective.

Developed Rich Client map application for sensing Geo land devices. (Swing)

- Ported table architecture from the Netbeans Rich Client Platform plug-in map application.
- Added save and restore column configurations to the table architecture.
- Refactored shape and bearing generating application. Rewrote/Refactored all UI views.

Developed Netbeans Rich Client Platform plug-in map application (Swing)

- Created Map module using WorldWind desktop library.
- Created map manager and map view modules.
- Developed layers' configuration manager, displays list of configured map layers.
- Developed generic context popup manager, objects selected, display a context menu.

- Developed check box tree architecture, which can be used with or without checkboxes.
- Developed support for mapping associated objects and displayed them in a UI checkbox tree component.
- Developed table architecture allowing editors, renderers, and bean models to be configured, supports sorting.