PANDEESWARI PALPANDI

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SUMMARY

Senior Software Engineer with 8+ years of experience building scalable enterprise applications using Java, Spring Boot, Microservices, Angular, and SQL across banking and financial domains. Proven success in delivering high-impact backend systems, optimizing data workflows, and transforming legacy applications into modern, automated architectures. Strong collaborator, skilled in Agile, code quality improvements, and handling large datasets.

SKILLS

- Backend: Java 17, Spring, Spring Boot, Microservices, Rest API, Hibernate, Maven
- Frontend: Angular, HTML, CSS, React Basics, Bootstrap
- Database: Oracle, MySQL, MS SQL
- Devops: Jenkins, Docker, CI/CD Pipeline, UCD Deployment
- AI: LLM, Open AI, GPT-4.2, Tiktoken
- Testing: Junit, Mockito, BDD, TDD
- Version Control: GitHub, GitLab, Bitbucket

EDUCATION

Computer Science Engineering: Madurai   *06-2012 - 05/2016*
Velammal College of Engineering and Technology - Madurai

CGPA: 8.83

EXPERIENCE

Senior Software Engineer / Wells Fargo - Madurai, India   *09/2022 - Current*

- Built a backend service to calculate Counterparty Risk Exposure for futures transactions, improving accuracy of daily credit exposure reporting.
- Spearheaded the upgrade from Spring Framework to Spring Boot, reducing deployment time by 30% through automated job-triggered deployment.
- Implemented Java Batch + REST API workflows for exposure calculation used by cross-functional teams across the enterprise.
- Improved code reliability by leading code reviews and enforcing Agile standards, increasing team development efficiency by ~20%.
- Developed internal automation frameworks to support in-sprint testing, reducing manual testing efforts by 40%.

Senior Analyst / Bank Of America - Chennai, India   *10/2020 - 09/2022*

- Developed a full-stack web application (Java 8, Spring Boot, Hibernate, SQL, Oracle) enabling teams to create, approve & manage resource requests, reducing processing time by 50%.
- Designed Alteryx workflows to load, validate, and normalize high-volume data (~millions of records) from staging files, ensuring 100% data integrity before ingestion.
- Participated in code reviews and Agile ceremonies to improve code quality and reduce production defects.
- Implemented complex data transformation logic aligned with Product Owner requirements for multi-source input files.

Full Stack Developer / Infoview Technologies Private Ltd. - Chennai, India   *06/2016 - 10/2020*

- Built web applications for a Supply Chain Management ERP platform used by major Japanese clients.
- Developed a customer-facing sales request application using Java 8, Spring, Hibernate, improving request processing experience.
- Followed Waterfall model and contributed to code reviews to maintain product quality.

PROJECTS

Supply chain management system

- Works Application provides the ERP package to major industries in Japan, and AI WORKS is equipped with artificial intelligence AI works can understand ambiguity just like a person does AI WORKS has human-like flexibility built into the system that enables it to understand the situation.
- In this project, we have implemented Java 8 for better response We created a web application which supports the customer to create a sales request.

GDR Analytics and Reporting Application

- GDR is an Analytics and Reporting Application that act as data source for GRM Channel and Vendor decision engine, Computes the metrics for predictive analytics, provides various reports based on Resource Headcount and Attrition data.
- It's an evolving application with so many future plans with respect predictive analysis and custom reports. It has been integrated with internal bank source systems like Fieldglass, Workforce Management Portal, i-Skills, Global Resource Management portal etc. and pulls the data required for resource / vendor management reporting and analytics.
- GDR and GRM comes under single AIT and works hand in hand as Resource management and reporting portal.

Counter Party Credit Risk Management Application

- Counterparty Credit Risk (SA-CCR) to calculate Exposure at Default for a subset of Futures transactions. This application was integrated into the production workflow for daily reporting of credit exposures.
- Developed a Java-based application to calculate Exposure At Default and Risk-weighted Assets for Basel regulatory reporting using the Current Exposure Method, as a replacement for the previous SQL-based implementation.

ACCOMPLISHMENTS

• QC Bug-Proof Document Generator - A Java-based tool for automated bug documentation.
• VS Code Plugin for HUE Framework Components - Accelerated development in IVTL.
• Automation Framework (Wells Fargo) - Reduced in-sprint manual testing via reusable automation components.
• Participated in and won second place in the Test Automation Hackathon conducted at Wells Fargo.

LANGUAGES

- English
- Tamil