SUBRAMANYA THIREVEEDHI

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SUMMARY

Full Stack Java Engineer with 6+ years of experience building scalable, high-availability enterprise applications. Strong backend expertise in Java 8–17, Spring Boot, and RESTful microservices, complemented by modern React frontend development. Proven experience delivering production-grade systems serving 300K+ users. AWS Certified Developer with hands-on deployment and CI/CD automation experience.

TECHNICAL SKILLS

Backend: Java 8–17, Spring Boot, REST APIs, Microservices, Spring Batch
Frontend: React, Redux, JavaScript (ES6+), SASS
Databases: PostgreSQL, DynamoDB, MySQL
Cloud & DevOps: AWS (EC2, S3), OpenShift, Jenkins, Git, CI/CD, Docker
Testing: JUnit, Mockito, Jest

PROFESSIONAL EXPERIENCE

Application Engineer – Full Stack, Discover(Capital One)   Jun 2023 – Present
Consumer Alerts & Communication | Identity Theft Protection
Java 17 | Spring Boot | Spring Batch | OpenShift | Datadog | Jenkins

- Designed and maintained Java 17–based RESTful microservices powering a paid Identity Theft Protection platform serving 360K+ users with 99.9% availability.
- Engineered backend services processing 300–400K real-time alerts/day with 99.9% production availability.
- Reduced alert processing latency by 100ms/record through validation optimization and dependency removal.
- Built secure service-to-service integrations using Feign clients, reducing integration effort by ~30%.
- Implemented CI/CD pipelines using Jenkins, enabling reliable multi-environment deployments (Prod1/Prod2 active-active).
- Delivered full-stack features by integrating Spring Boot APIs with React UI components.
- Achieved and maintained 90%+ test coverage through unit and integration testing (JUnit, Mockito).
- Enhanced system observability using structured logging and monitoring tools, reducing incident resolution time by 40%.

Full Stack Engineer, Ciphernine   Feb 2023 – May 2023
React | Spring Boot | Spring Batch | OpenShift | Datadog | Jenkins

- Migrated .NET UI to React, reducing page load time by 30%.
- Improved API efficiency and frontend data binding, reducing latency by 15%.
- Preserved application stability by sustaining ~90% unit test coverage across core modules.

Full Stack Engineer Intern, CivicServe   Jul 2022 – Dec 2022
Java | Spring Boot | React | Redux | Microservices

- Introduced a loan application workflow using React and Spring Boot on AWS, resulting in a 75% reduction in non-digital applications.
- Reduced user errors via structured validation and improved UX.
- Integrated Git + CI/CD pipelines, enabling 40% reduction in manual testing efforts.

- Accelerated UI/UX design workflows using Figma, improving developer handoff and increasing development speed by ~10%. Verified web functionality alongside QA teams, lowering rework and functional defects by ~30%.

Associate Developer, Tata Consultancy Services   **Oct 2018 – Aug 2021**
Client: Commonwealth Bank of Australia India
Java 8 | Spring Boot | React | Redux | Microservices

- Developed REST APIs and React-based user interfaces supporting financial workflows for enterprise banking systems.
- Contributed to microservices architecture using Java 8 and Spring Boot, supporting high-volume integrations.
- Increased unit test coverage from 50% to 90% using JUnit and Jest.
- Led Redux-based state management migration to improve frontend maintainability.
- Delivered UX improvements that increased user engagement by 15%.

EDUCATION

Master of Science in Computer Science, Bradley University, IL   **Aug 2021 – Dec 2022**

Bachelor of Technology in Electronics & Communication, Vignan University, India   **Jun 2014 – May 2018**

CERTIFICATIONS

AWS Certified Developer – Associate

PROJECTS

Profile Hub (Production Live Full-Stack Platform)

- Built and deployed a production-ready full-stack platform enabling authenticated profile management with secure public profile rendering.
- Architected AWS-based infrastructure using Dockerized services on EC2, IAM role-based DynamoDB access, and Nginx reverse proxy for secure routing
- Tech stack: Go (Gin), React (Vite), JWT authentication, DynamoDB (single-table design), GitHub Actions CI/CD.