Narayana Rao Mahendrakar

Java Backend / Full-Stack Developer

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Professional Summary

Results-driven Java Backend and Full-Stack Engineer with 5 years of experience building scalable and secure fintech applications. Hands-on experience developing high-volume credit card lifecycle and real-time payment processing systems supporting over 1M customers. Strong background in Spring Boot microservices, REST APIs, and GraphQL, along with Oracle performance tuning and Redis caching to improve response times. Experienced in working with distributed systems, CI/CD pipelines, and Agile teams, with additional frontend development experience in React and TypeScript. Solid foundation in data structures and problem-solving, focused on delivering reliable, high-performance solutions in enterprise and financial environments.

Technical Skills

Programming Languages: Java, Python, JavaScript, SQL, Node.js, Groovy, TypeScript

Libraries / Frameworks: Spring Boot, Spring Security, React

Tools / Platform: Jenkins, GitHub, OpenShift, AWS, Postman, JIRA, Linux/Unix

Databases: Oracle SQL, MongoDB, MySQL, Redis

Professional Experience

Software Engineer

ScanFii - Remote   September 2025 - Present

Worked as part of a backend team maintaining and enhancing 3–4 microservices within a large-scale e-commerce platform for Walmart. Developed new features, fixed production issues, optimized APIs, maintained clean code, collaborated with frontend, QA, and DevOps teams in Agile setup, handled pull requests, participated in code reviews, and supported deployments and production releases. Used Java, Spring Boot, REST APIs, Oracle/MySQL, Git, and CI/CD pipelines.

IBM - Bengaluru, India   April 2022 - May 2025

Automated the entire lifecycle of invoice processing including uploading and approving invoices. Built user interface with React and TypeScript, backend with Spring Boot REST API, and AI service in Python performing OCR and data extraction. Implemented business rules for validation and confidence level generation to automate workflow or flag invoices for manual review. Stored processed data in MySQL for auditing and structured reporting, drastically reducing manual processing time.

Software Engineering Intern

High Radius – Remote   Jan 2022 - Apr 2022

Developed a reconciliation module allowing users to upload internal and bank transaction files for matching and validation. Parsed and staged bulk transaction data for processing according to business rules implemented in Groovy scripts executed dynamically from the Java backend. Enabled Groovy scripts to call Java utility class functions for efficient validation and comparison of transactions and producing reconciliation reports.

Projects

AI-Assisted Invoice Processing System

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Education

Master of Science in Information Technology   2023 - 2025
Central Michigan University – Mt. Pleasant, USA

Bachelor of Engineering in Computer Science   2016 - 2020
REVA University - Bengaluru, India

Certifications

- AWS Certified Cloud Practitioner (2025)
- Microsoft 365 Certified: Copilot and Agent Administration Fundamentals