Kiranmai Nadavaluru

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Summary

Full Stack Developer with 2.4 years of professional experience in building scalable applications using Java (Spring Boot), React.js, and AWS. Strong understanding of REST APIs, microservices, and CI/CD pipelines. Passionate about developing clean, user-friendly interfaces and robust backend systems. Additionally, built multiple full-stack projects during academic and training phases to strengthen end-to-end development skills.

Skills

Languages: Java (Core & Advanced), JavaScript (ES6+), SQL, HTML5, CSS3
Frontend: React.js, Redux, Hooks, Responsive UI Design, REST API Integration
Backend: Spring Boot, Spring MVC, REST APIs, Microservices, JUnit
Cloud/DevOps: AWS (EC2, S3, RDS, Lambda), Jenkins, GitLab CI/CD, Docker
Databases: MySQL, PostgreSQL, Oracle DB
Tools: Git, GitHub Copilot, Jira, Kibana, Elasticsearch
Practices: Agile/Scrum, Code Review, CI/CD, Debugging, Performance Optimization

Work Experience

Tech Mahindra, Bengaluru   Sep 2023 – Present
Software Engineer (Full Stack Development)

- Worked on full-stack modules using Java 17, Spring Boot, and React.js.
- Built and validated REST APIs, ensuring smooth integration with frontend components.
- Debugged backend issues using Elasticsearch/Kibana, analyzing request logs and API latency.
- Collaborated with UI and QA teams to resolve API payload mismatches and data consistency issues.
- Integrated Jenkins pipelines for automated deployments and build monitoring on AWS EC2.
- Enhanced SQL queries and database indexing for better performance in PostgreSQL.
- Contributed to technical documentation and sprint-level deliverables in an Agile environment.

Academic & Training Projects

- Expense Tracker Web App (Academic Project)   React, Spring Boot, MySQL
    - Built a full-stack expense management app to track user transactions and categories.
    - Implemented JWT-based authentication, CRUD operations, and validation layers.
    - Designed a responsive dashboard for analytics and expense summaries.
    - Gained hands-on experience with Dockerized deployment and AWS hosting.
- Microservices Event Validation System (Training Project)   Java, Kafka, REST APIs, SQL
    - Designed a simulated microservices setup to validate event-driven workflows.
    - Used REST APIs and Kafka for message flow, schema validation, and DLQ handling.
    - Automated end-to-end backend validation scripts using SQL and Java utilities.

Education

Presidency University, Bangalore   Sep 2023
B.Tech in Computer Science and Engineering   CGPA: 8.94

Certifications

- Java and React Certifications