DEVIKA KASTHALA

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PROFESSIONAL SUMMARY

Java Full Stack Developer with 4+ years of experience building scalable, cloud-native full-stack applications across healthcare, banking, telecom, and consumer technology domains. Strong expertise in Java, Spring Boot, REST APIs, React, AWS, and event-driven architectures. Proven ability to lead academic projects, collaborate with cross-functional teams, and deliver reliable production systems.

PROFESSIONAL EXPERIENCE

HCA Midwest Health | Java Full Stack Developer   **Jul 2024 – Present**

- Developed and deployed scalable, user-facing applications on AWS using EC2, S3, and Lambda, building robust Java 8 and Spring Boot microservices to support high-availability systems.
- Designed and optimized data models for Apache Cassandra and MongoDB, enabling low-latency, high-throughput data access for financial and mobile applications, improving response time by 20%.
- Implemented event-driven architecture using Apache Kafka, JMS, and Apache Camel to stream events, to enhancing traceability.
- Built responsive front-end applications using ReactJS, Angular, and Vue.js, and established CI/CD pipelines with Jenkins, GitHub, Docker, and OpenShift, automating containerized deployments across environments while securing APIs with OAuth 2.0.

Garmin | Java Full Stack Developer   **Dec 2023 – Jun 2024**

- Developed and maintained Spring Boot microservices integrated with MySQL, optimizing queries with indexing and caching to improve API response times by 30% and reduce query execution time by 40%, ensuring high availability.
- Built responsive React.js user interfaces using reusable components and Material UI, integrating REST and GraphQL APIs to improve user experience, engagement, and reduce data over-fetching.
- Established CI/CD pipelines using Jenkins, Docker, and Kubernetes, and implemented ELK stack monitoring and logging to automate deployments, proactively resolve performance issues, and accelerate release cycles while collaborating closely with cross-functional teams.

Murugappa Group | Java Full Stack Developer   **Jul 2022 – Aug 2023**

- Modernized legacy banking systems by migrating to Spring Boot microservices with Spring Cloud on PCF, improving scalability, modularity, and CI/CD efficiency while supporting full SDLC delivery.
- Built dynamic, responsive UIs using ReactJS, Angular, Bootstrap, and JavaScript, enabling real-time interactions via AJAX/JSON and seamless integration with backend services.
- Provisioned and managed AWS infrastructure (VPC, EC2, S3), implemented automated testing with JUnit and Jenkins, generated Jasper Reports for audits, and led Agile practices through JIRA, Git code reviews, sprint demos, and mentoring junior developers.

Comcast Corporation | Java Developer   **Mar 2021 – Jun 2022**

- Engineered high throughput microservices using Java 8, Spring Boot, and Hibernate, enabling real-time processing and scalable delivery; built asynchronous streaming and ETL pipelines with Apache Kafka, MongoDB, Autosys, and UNIX scripting, and optimized distributed systems using Cassandra OpsCenter, Log4J, and SLF4J to reduce latency and downtime.
- Developed accessible, responsive user interfaces using JSP, HTML5, CSS3, and JavaScript, and ensured system reliability through JUnit, JMockit, and SoapUI testing, contributing to Agile delivery, CI/CD improvements, and release coordination using JIRA and GitHub.

TECHNICAL SKILLS

Languages: Java (8/11/17), SQL, JavaScript (ES6+), UNIX Shell Scripting, Python

Backend: Spring Boot, Spring MVC, Spring Security, Hibernate/JPA, Node.js, Microservices, RESTful & SOAP APIs, Apache Camel

Frontend: React.js, Angular, Next.js, Vue.js, TypeScript, HTML5, CSS3, Bootstrap, Material UI

Databases: Oracle, MySQL, PostgreSQL, MongoDB, Cassandra, DynamoDB

Messaging: Apache Kafka, JMS, ActiveMQ

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, VPC, PCF), Docker, Kubernetes, Jenkins, Git

Testing & Security: JUnit, Mockito, Selenium, Playwright, OAuth 2.0, JWT, OWASP, ELK Stack, Log4J, SLF4J, Cassandra OpsCenter

Practices & Tools: CI/CD, SDLC methodologies, Agile/Scrum, Jira, Confluence, Code Reviews, Performance Tuning, ETL Processing.

EDUCATION

Master of Science in Computer Science – Texas Tech University

Bachelor of Technology in Computer Science – Vel Tech University

CERTIFICATIONS

AWS Certified Developer – Associate | Oracle Certified Java Developer | IBM Certified Full Stack Java Developer

LEADERSHIP & ACHIEVEMENTS

- Project Lead for academic software projects, leading teams of 4–6 members from design to delivery.
- Yoga Student Practice Leader, conducting sessions for 30+ participants and promoting wellness.
- Winner – Build Code Competition for problem-solving and application development.