

Shiva Teja

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PROFESSIONAL SUMMARY

Java Full-Stack Engineer with 3.5 years of experience developing enterprise-grade applications using Spring Boot, Spring Security, and React.js. Skilled in designing microservices architecture, implementing RESTful APIs, and optimizing application performance. Proven ability to deploy scalable solutions on AWS and maintain high code quality through comprehensive testing and CI/CD practices.

EDUCATION

Aurora's Technological Research Institute

Bachelor of Technology in Information Technology; GPA: 7.5/10.0

Hyderabad, India

Jun 2018 – Jun 2022

WORK EXPERIENCE

VassarLabs

Software Engineer I / Java Full-Stack Engineer

Hyderabad, India

Apr 2022 – Present

- Developed Spring Boot microservices with Spring Security, Spring Data JPA, and Spring Cloud for enterprise applications
- Implemented RESTful APIs using Spring Boot, achieving 95% API response time under 200ms
- Integrated third-party services (Twilio, Infobip, SendGrid) via Java SDK for communication features
- Implemented IAM using Keycloak with RBAC for user permissions and authentication
- Developed React.js components with Hooks, Context API, and Redux for enhanced user experience
- Built reusable component libraries with styled-components and ensured responsive design
- Optimized performance through Redis caching, connection pooling, and database query optimization
- Used JUnit 5, Mockito, and TestContainers for comprehensive testing, achieving 90% code coverage
- Implemented event-driven architecture using Apache Kafka, AWS SQS, and Amazon Kinesis for real-time data processing
- Utilized AWS services (S3, Lambda, EC2, RDS, SQS, Kinesis) and configured CI/CD pipelines with GitHub Actions

Rtechno Solutions

Java Developer Intern

Hyderabad, India

Aug 2021 – Dec 2021

- Developed Java applications using Spring Framework and Hibernate for enterprise projects
- Managed MySQL/PostgreSQL databases and implemented optimization techniques

TECHNICAL SKILLS

Languages: Java 8/11/17, JavaScript, TypeScript, SQL

Backend: Spring Boot, Spring Security, Spring Data JPA

Frontend: React.js, Node.js

APIs & Messaging: REST, WebSockets, Apache Kafka, AWS SQS, Amazon Kinesis

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, SQS, Kinesis), Docker, Kubernetes, GitHub Actions, Jenkins

Testing & Monitoring: JUnit 5, Mockito, TestContainers, Datadog, Unit/Integration Testing

Methodologies: Agile/Scrum, CI/CD, Microservices, OAuth2/SSO, Event-Driven Architecture

KEY PROJECTS

Stanley IoT - Global Automatic Door Management System | Java, Spring Boot, React.js, Kinesis, AWS, IoT

2023

- Built Stanley automatic door management system using Spring Boot microservices with Amazon Kinesis for real-time sensor data from automatic doors across 1000+ retail stores worldwide
- Implemented predictive maintenance algorithms using door usage patterns and sensor data, reducing door failures by 30% and automating maintenance scheduling
- Developed real-time monitoring dashboard using React.js showing door status, traffic flow, and maintenance alerts across global store network

Identity Management System | Java, Spring Boot, React.js, Keycloak, Security

2022

- Integrated Keycloak for centralized authentication with RBAC using Spring Security and PostgreSQL for user management
- Developed custom UI components for user management and security administration with session handling