Huma Shamshi

Software Engineer
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Career Objective

Backend Software Engineer specializing in Java, Spring Boot, and microservices architecture, with expertise in building REST APIs, Kafka-based integrations, and cloud deployments on AWS and Google Cloud Platform (GCP). Skilled in PostgreSQL, Redis, Docker, and CI/CD pipelines, with a strong focus on delivering secure, scalable, and high-performance applications. Additionally, I have good knowledge of JavaScript, React, and AngularJS, which helps me understand full-stack development and collaborate effectively across frontend and backend teams. Passionate about solving complex backend challenges and continuously learning new technologies for full-stack growth.

Experience

May 2023 – November 2025 : Software Engineer at NetEnrich Technologies Pvt. Ltd.

- Developed and maintained RESTful microservices using Java and Spring Boot to support high-throughput backend systems.
- Working on Integration Config Service (ICS), a Spring Boot project enabling bi-directional sync between ServiceNow and Resolution Intelligence (Netenrich Product), including incident creation, updates, and field mapping.
- Enhanced and maintained Acton Integration Service (Spring Boot project) to deliver real-time updates between ITSM tools (Jira, SOAR) and Resolution Intelligence (Netenrich Product).
- Handling Dynamic Transform Inbound and Outbound Services (Google Cloud Functions) acting as middleware, ensuring scalable and flexible data flow between Acton Integration Service and external ITSM tools.
- Collaborated with cross-functional teams in Agile/Scrum environments, ensuring timely project delivery.
- Designed and implemented Kafka consumers and producers to handle data synchronization across systems.
- Integrated with PostgreSQL and Redis for persistence and caching, optimizing data retrieval performance.
- Hands-on experience in managing project dependencies using Apache Maven.
- Monitored applications using tools like Grafana.
- Wrote JUnit and Mockito-based unit tests, achieving 85%+ code coverage and reducing production bugs.
- Developed a Python script to act as an intermediary between SOAR and our Resolutions Intelligence (Netenrich Product)
- Monitored microservices on AWS (EC2) and GCP (Cloud Run) to ensure high availability and performance.
- Developed automated unit tests with JUnit and Mockito.

- Collaborated with DevOps team to deploy Spring Boot microservices on AWS EC2 instances, ensuring scalable and reliable production environments.
- Implemented secure API communication by applying authentication and authorization mechanisms (OAuth2, JWT) and ensuring encryption in data exchange.
- Worked on Spring MVC and IOC concepts within Spring Boot applications to develop scalable microservices.
- Applied JDBC and ORM frameworks for database connectivity and optimized queries for performance.

Education

CDAC Hyderabad
PG Diploma in Big Data Analytics.

IET Bundelkhand University Jhansi.
B-tech in Computer Science & Engineering

Skills

- Languages: Java, SQL, Python, JavaScript
- Frontend: React, AngularJS
- Frameworks: Spring Boot, Spring Data JPA, Spring MVC, Spring IOC, Spring AOP, Spring JDBC
- Messaging Systems: Apache Kafka
- Databases: PostgreSQL, MySQL , Redis
- Cloud & Serverless Platforms: Google Cloud Platform (Cloud Run, Cloud Functions), AWS (EC2)
- Tools & DevOps: Git, Jenkins, Docker, IntelliJ IDEA, Eclipse, Postman, Swagger
- Monitoring & Logging: Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)
- Testing: JUnit, Mockito
- Security & Data Protection: Familiar with OAuth2, JWT authentication, HTTPS, and secure