Ankit Singh

Associate II

Associate Software Engineer with 2.8 years of experience in Java, Spring Boot, and Microservices. Proficient in building scalable RESTful APIs, integrating Spring Security, and developing cloud-native applications using Azure and AWS. Experienced in Hibernate, JPA, SQL, Docker, and CI/CD pipelines. Skilled in Spring Cloud (Eureka, API Gateway, Feign Client, Resilience4j), and known for writing clean, testable code with strong problem-solving abilities.

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WORK EXPERIENCE

Associate II
Capgemini Engineering, Gurgaon

10/2022 - Present
Project - Ikea {Saudi and Bahrain}

- Developed secure Spring Boot applications with Spring and Java 8+ (Streams, Lambdas). Built, and maintained RESTful APIs and resolved critical bugs handling improving system stability.
- Used JPA/Hibernate as ORM tool and MySQL as database. Containerized application with Docker.
- **Payment Module:** Designed a robust architecture with key functionalities including refund processing, payment status checks, and transaction handling.
- **Order Notifications:** An email trigger system for failed orders to ensure timely customer communication.
- **Azure:** Utilized Function App, Cosmos DB, Service Bus, App Service, Blob Storage and Logic Apps for scalable and integrated cloud solutions.
- **AWS:** Built CI/CD pipelines using CloudFormation and implemented serverless architectures with Lambda functions.
- **DevOps:** Managed repositories, deployments, and work items, ensuring streamlined development and delivery processes.
- **Spring Cloud:** Worked on a comprehensive PoC with full- featured Spring Cloud services, including eureka server, eureka client, API gateway, feign client for communication. Circuit breaker and fault tolerance using resiliance4j. Load balancing done using API gateway.

Capgemini Engineering - Intern

06/2022 - 09/2022
Achievements/Tasks

- Developed Projects using ReactJS and Spring boot, build up Frontend using conditional rendering, States, Props, React router, Forms, Hooks, API calls, etc. Integrated frontend with backend. Used GitHub. Created UML diagrams.

EDUCATION

B-Tech, CSE, 81.1 CGPA
GL Bajaj Institute of Technology and Management

SKILLS

- Backend: Spring Boot, Microservices, JPA/Hibernate, SQL Server, NoSQL, Spring Security, NodeJS.
- Frontend: ReactJs, HTML, CSS
- Cloud & DevOps: Azure (Functions, ADF, Cosmos DB, Logic Apps), AWS (Lambda, CloudFormation), Docker, CI/CD.
- Technologies/Tools: Maven, Git, GitHub, SonarQube, DevOps, Azure, AWS, Swagger.
- Programming Language: Java (Primary), C, Python
- Others: Flutter, Problem-Solving, Data structure and Algorithms, Machine Learning, OOPs.

CERTIFICATES

- Java - Core Java (Practitioner)
  Click Here To View
- AZ 900 Microsoft Azure Fundamentals
  Click Here To View

ACHIEVEMENTS

Patent Filed – *Application No. 202211031482, CBR No. 20924 (Filed: June 1, 2022).* Implemented a Flutter & Firebase-based platform connecting travelers with users needing deliveries (e.g., medicines, groceries).

Led development of features like authentication, request matching, and travel tracking. Integrated ML to match users with nearby travelers. Collaborated with 2 teammates for patent filing.