Subham Das

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Education

Institute Of Technical Education And Research, BTech in Computer Science And Engineering   July 2019 – July 2023
- CGPA: 7.53/10
- **Coursework:** Data Structure & Algorithm, DBMS, Computer Networks ,Operating System

Experience

Software Developer, Cogzin   May 2023 – Current
- Worked on a SaaS web and mobile app with JWT-based authentication, project management, and geospatial features using OpenLayers and Google Maps. Designed the database schema and built the app with React.js, React Native, Spring Boot , Express, and PostgreSQL (with PostGIS for geospatial support) for scalable, secure data handling.
- Worked on a bank statement analyzer using Amazon OCR for a fintech platform, enabling loan lifecycle management with EOD totals and detailed analyses of total credits, debits, credit/debit counts, amounts, funds in, and funds out. Designed a MongoDB schema for storing bank-specific statements.

Projects

Linkedin Clone Spring Boot   CODE
- Developed a LinkedIn clone with Spring Boot microservices, securing services with JWT, Redis caching, Kafka messaging, and service discovery using Spring Cloud Netflix Eureka and OpenFeign.
- Implemented centralized configuration (Spring Cloud Config), logging with the ELK stack (reducing debugging time by at least 30%) , and tracking using Zipkin and Micrometer.
- Used PostgreSQL for data storage, Neo4j for connection searches, and deployed microservices with Docker, Docker Compose, and Kubernetes on GKE (Google Kubernetes Engine).

Uber Clone Spring Boot   CODE
- Developed an Uber clone with Spring Boot, implementing role-based access control, JWT authentication, and Google OAuth for third-party registration.
- Used Swagger and OpenAPI for Spring documentation, Spring Security for securing services, and performed testing with JUnit, Mockito, and integration tests for reactive CRUD REST APIs .
- Used PostgreSQL for data storage with PostGIS to store cab driver and user locations.

Courses And Achevements

Spring Boot 1 to 100   LINK
- Gained expertise in AOP, Redis Cache, Kafka , REST APIs, microservices (Eureka, OpenFeign, Spring Cloud Gateway), JWT security, centralized config (Config Server), tracing (Zipkin), resilience (Resilience4J), ELK logging, and containerization with Docker and Kubernetes (GKE) for scaling, and load balancing.

Spring Boot 0 to 1   LINK
- Completed a Spring Boot course covering Dependency Injection, Spring MVC, REST APIs, database integration (JPA, Hibernate, MySQL, PostgreSQL), Spring Security (RBAC, session management, JWT), exception handling, logging, testing (JUnit, Mockito), Swagger, Actuator, and CI/CD deployment.

Technologies

Languages: Java, JavaScript, TypeScript

Technologies: Spring Boot, Spring Security, Spring Data JPA, Spring Cloud (Netflix Eureka, OpenFeign, Config Server), JWT Authentication, React.js, React Native, Redux, Node.js, Express.js, Tailwind CSS, Swagger / OpenAPI, Redis, Kafka, PostgreSQL, MongoDB, Neo4j, PostGIS, OpenLayers, Google Maps API

Tools: Docker, Docker Compose, Kubernetes (GKE - Google Kubernetes Engine), GitHub Actions, JUnit, Mockito, ELK Stack (Elasticsearch, Logstash, Kibana), Zipkin