Anubhav Chauhan

SOFTWARE ENGINEER

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WORK EXPERIENCE

SOFTWARE ENGINEER   DEC 2023 - Present
COGNIZANT TECHNOLOGY SOLUTIONS

Royal Enfield(B2C), Mahindra | Kolkata, India
- Developed and maintained **scalable microservices** using **Java and Spring Boot** for real-time vehicle telemetry platforms.
- Implemented key B2C features include **Onboarding a Vehicle**, a cloud-based file management service enabling secure **file upload** and **download** to object storage buckets, with validation, access control and fault-tolerant handling.
- Designed and optimized **RESTful APIs** for high-volume data ingestion from IoT devices, improving backend processing efficiency.
- Integrated **Kafka** for event-driven messaging and inter-service communication to support real-time data flow.
- Implemented **Spring Data JPA and Hibernate** for efficient database interactions.
- Secured backend services using **Spring Security**, **JWT authentication**, and role-based access control.
- Worked with **Google Cloud Platform (GCP)** services such as **Pub/Sub**, **Secret Manager**, **GCS**, **Log Explorer**, **Workloads**, **Google Cas**.
- Conducted API performance testing using **JMeter**, identified bottlenecks, implemented health-check endpoints for service monitoring and optimized service performance by 30-50% through improved request/response handling and tuning.
- Implemented **Redis caching** to reduce database load and improve API performance.
- Collaborated with frontend, **QA** and **DevOps** teams in an Agile environment to deliver production-ready release.

Java PE – Intern   Oct 2023 – Dec 2023
- Completed a structured 3-month training program focusing on **Java 8**, **Spring Boot**, and **AWS cloud services**.
- Worked on IoT-based modules, gaining hands-on experience in building and maintaining backend applications
- Assisted in **debugging and fixing production issues** alongside senior team members, contributing to improved system stability and reliability.

TECHNICAL SKILLS

Languages: Java, SQL | **Databases**: PostgreSQL, MySQL | **Backend**: Spring Boot, JPA, Microservices, REST, Docker, Jenkins | **Cloud**: AWS, GCP | **Tools**: Git, Postman, Swagger, JMeter (Performance Testing), Windows 365 | **Testing**: Junit, Mockito | **Functional Domains**: Maven, SonarQube, Agile Methodologies.

PROJECTS

- Built and IoT-enabled Face Recognition system using **Python** and **OpenCV**, enabling real-time facial detection and authentication through machine learning. Implemented **SMTP**-based email alerts to notify stakeholders when an unknown or unauthorized face was detected by the camera.
- Designed an innovative safety device using **Arduino** and sensors to detect driver drowsiness and trigger real-time alerts, reducing accident risk due to fatigue.

CERTIFICATES

- AB-100: Agentic AI Business Solutions Architect
- AB-730: AI Business Professional

EDUCATION

Bachelor Of Technology in Electronics and Communications (2019-2023)   GPA 8.96
Future Institute of Technology

ISC 2019 & ICSE 2017   84% & 88%
Orient Day School