Bhuminandan Misal

7769091028 | bhuminandanmisal9545@gmail.com | Kolhapur, Maharashtra

Experience

Roxiler Systems | Remote
Full Stack Developer | 05/2024 - Present

- Worked as a **Backend Focused Full Stack Developer for startup**, developing and optimizing APIs and core business logic for a **high-scale security platform**.
- Working on back-end web development at a call security startup serving top **global banks**, **airlines**, and known brands like **Swiggy**.
- Built an OOP-based Python script to detect call outcomes and trigger **notifications to millions of users**.
- Designed and implemented an **asynchronous architecture** using **AWS SNS and SQS**, efficiently handling **over 1 million records** with high performance and scalability.
- Specialized in **modern backend architectures**, including **serverless computing**, to build **cost-effective and scalable** solutions.
- Restructured the **customer licensing system** from a complex multi-license model to a **single-license per customer**, significantly improving **maintainability** and **system decoupling**.
- Refactored legacy code into **robust, optimized implementations**, enhancing system reliability and aligning with best practices.

Roxiler Systems | Remote
Software Developer Intern | 12/2023 - 05/2024

- Resolved critical **VAPT vulnerabilities** in Birlasoft's project management software by implementing **CAPTCHA** and strengthening **SSL encryption algorithms**.
- Designed and developed the **backend architecture** for **India's first WhatsApp Flows automation platform**, enabling seamless conversational workflows.
- Delivered a complete **NestJS-based backend** for a production-grade application **within strict deadlines**, ensuring high performance and maintainability.

Projects

[SCHOOL MANAGEMENT (Micro-services)](#)

Tech Stack: Spring boot, Spring Data JPA, Netflix Spring Eureka Server, Zipkin, Spring Api Gateway, Spring Config Server, Spring Web Client, Postgres

- Built a **Spring Boot-based School Management System** using a **microservices architecture** for scalable and modular service separation.
- Implemented **Student and School services** with **Spring Data JPA** and **PostgreSQL**, enabling efficient CRUD operations and student-school mapping.
- Leveraged **Netflix Eureka Server** for service discovery, **Spring API Gateway** for routing, and **Spring WebClient** for inter-service communication.
- Enabled centralized configuration with **Spring Cloud Config Server** and integrated **Zipkin** for distributed tracing and performance monitoring.

Education

AD Shinde, collage of engineering | Kolhapur
Bachelor of Engineering | 05/2023
Actively participated in event anchoring and group debates, demonstrating strong communication and public speaking skills.

K.P.Patil Institue of technology | Mudal
Engineering | 05/2020
Awarded Academic Excellence for outstanding academic performance.

Technical Skills

React.js, Serverless, Spring boot, Node.js, NestJs, JSON, REST APIs, Git, MongoDB, Elastic Search, PostgreSQL, JavaScript (ES6+), Python, Java, HTML, CSS