AYUSH SHARMA

+91 9348935747 - At Bangalore, Karnataka - 562130

thisisayush79@gmail.com ◇ linkedin.com/in/ayush-sharma-551133213/ ◇ github.com/This-is-Ayush-Sharma

EDUCATION

BTech in Computer Science Engineering, GIET University, Gunupur	April 2024
Intermediate (Science), St Paul's School, Rourkela	May 2020
Matriculation (Science), St Paul's School, Rourkela	May 2018

SKILLS

Languages	Java, Python, Javascript
Frameworks	Spring Boot, Express.js, React.js, Bootstrap
Databases	SQL, MongoDB, Redis
DevOps	Kubernetes, Docker, Jenkins
Tools	Postman, Git, Linux

EXPERIENCE

Backend and Devops   February 2024 - August 2024
Zscaler Inc   *Internship - Bangalore, India*

- Implemented local backend setup and developed API using spring boot for PDF report downloads, **increasing development efficiency by 30% and enhanced data accessibility**.

- Designed custom WebClient Builder with retry mechanism, **reducing system failures by 40%** and enhancing overall stability across multiple services.

- Achieved **76% code coverage for critical services** through unit testing and **resolved 10+ complex technical issues, reducing system downtime by 25%**.

- Engineered product-specific admin configurations and resolved production issues, **leading to a 35% increase in system efficiency** and user satisfaction.

Backend and IoT   April 2023 - July 2023
XS WorldWide   *Internship - Remote*

- Engineered a robust software for exhibition user experiences using Node.js, Express.js, and MongoDB, **improving user engagement by 40% and reducing load times by 25%**.

- Successfully deployed and optimized the software on AWS EC2 using Nginx, **resulting in 99.9% uptime** and a **30% increase in concurrent user capacity**.

- Designed innovative IoT solutions leveraging NodeMCU and RFID technologies, enhancing interactive exhibit features and **increasing visitor interactions by 50%**.

PROJECTS

- **GIETU official app** Developed and deployed a reliable, high-performance RESTful back-end for the university's official mobile app, **serving over 3000 students and faculty**. Enabled tracking of attendance, marks, university buses, and more on an on-premises server. link

- **Vehicle tracking system** Developed an application for **live tracking the university's buses**, including a hardware device with an installed SIM card. Engineered the backend using NodeJs and **secured a patent for the solution**. link

CERTIFICATIONS

- HTML, CSS, JavaScript, React - Online Certification Course. link

- Spring Boot 3: Learn Spring 6, Spring Core, Spring REST, Spring MVC, Spring Security, Thymeleaf, JPA, Hibernate, MySQL. link

- The Joy of Computing using Python - Course - NPTEL. link