ARASANAPALAI SRIKANTH NAVYA SRI

+91 8106917055 | GITHUB | Gmail | Linkedin

EXPERIENCE

Capgemini Technology Services, Hyderabad- Software Engineer
(Oct 2022 - Present)
- Implemented automation in an **IFS ERP** rollout project, boosting time and resource efficiency by 25%.
- Managed data storage and maintenance within the ERP system, employing **Python** libraries such as Pandas and Numpy for data manipulation and cleaning.
- Crafted **SQL** queries for extracting and manipulating data from Oracle Database. Conducted comprehensive data analysis using Excel.

Amazon Development Centre, Hyderabad- Software Development Intern
(Jan 2022 - July 2022)
- Developed a Testing Framework utilizing JSON files as input for a document generation library, reducing client setup time by approximately one day and deployment time for each change by about one hour.
- Engaged in backend development using Java, addressing bugs and implementing minor modifications in the service application as necessary.
- Developed backend APIs utilizing **Java Spring Boot** to enable CRUD functionality within the application.

EDUCATION

BITS Pilani, Hyderabad Campus (August 2018- May 2022)

B.E (Hons) Electrical and Electronics Engineering and Minor in Data Science - 8.63/10

SKILLS

Languages: C, C++, Java, Python (Pandas, Numpy, Matplotlib), Javascript, SQL

Technologies/ Frameworks: Springboot, Microservices, React

Developer Tools: VS Code, Intellij, Github, Zipkin, Postman

PROJECTS

Job Posting Application – Java Backend Link
- Spearheaded the transformation of a monolithic job posting platform into microservices architecture using **Java**, **Spring Boot,** and **Spring JPA**, significantly improving scalability and flexibility.
- Orchestrated the migration of the application's database from an initial Spring JPA setup to **PostgreSQL**, enhancing data management and reliability, while seamlessly **dockerizing** the entire infrastructure for streamlined deployment and management.
- Implemented essential infrastructure components including a service registry, config server, and API gateway, alongside integration of advanced monitoring and messaging technologies such as **Zipkin** for tracing, **RabbitMQ** for message queues, and **Kubernetes** for container orchestration, optimizing performance and facilitating seamless scalability.

Today I Learned – Full Stack Application Link
- Developed an application utilizing **HTML, CSS, JS,** and **React** aimed at imparting users with new knowledge through a curated collection of facts sourced from various categories. Implemented features such as category-based filtering, fact voting system, and a user-friendly interface for sharing new facts via a form.
- Established an online database and API infrastructure leveraging **Supabase** to efficiently manage and retrieve fact data, ensuring seamless integration and scalability for the application's backend functionality.

Movie-Review API - Full Stack Application Link
- Developed a Java Spring Boot application to power a movie and review API, leveraging **MongoDB** to efficiently store and manage movie data.
- Implemented a user-friendly interface using HTML, CSS and React.