Lavanya Gollapelli

Software Engineer
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Professional Summary

Software Engineer with one year of experience. Proficient in developing **RESTful APIs**, building **ETL pipelines**, and **Data ingestion** systems. Experienced in **Java, Spring Boot, Kafka, MongoDB, SQL and Git** with exposure to **Cloud deployment** and **Agile methodologies.** Focused on delivering high-performance, scalable solutions while adhering to best coding practices.

Experience

Manuh Global Technologies Pvt. Ltd.
Associate Data Engineer | *10/2023 - 01/2025*
- Designed and developed enterprise-level **RESTful APIs** using **Spring Boot** with integrated JWT authentication to secure API access.
- Developed and executed **JUnit test cases** using **Mockito framework** for unit testing to ensure high-quality, reliable code.
- Deployed **microservices** on **Amazon EKS** using automated **CI/CD pipelines** for efficient deployment and integration.
- Built a near real-time data pipeline leveraging **Kafka** and microservices to ingest and process data into **MongoDB.**
- Implemented data ingestion pipelines with **IBM Infosphere** and **Informatica**, migrating data from **IBM Db2** and **SQL Server.**
- Followed **Agile** and **Scrum** methodologies to ensure timely delivery of features, focusing on building efficient **aggregation pipelines** and performing **debugging** tasks.

Infometh Solutions Private Limited
Internship - Contributed to Restaurant Management System using **Java, Spring Boot, Angular and MySQL**

Shaurya Technosoft Private Limited
Internship - Developed an Employee Management System using **.NET**, **C#**, and **MySQL**

Skills

- Programming Languages: **Java, Python**
- Frontend Technologies**: HTML, CSS, Angular**
- Backend Technologies: **Spring Boot, Kafka, JUnit, Mockito Framework**
- Version Control & DevOps Tools: **Git, CI/CD, Maven, Docker, Agile Methodologies**
- Cloud Platforms: **Google Cloud, Azure DevOps**
- Database & Data Management: **SQL, MongoDB, IBM Infosphere, Informatica**

Education

Bachelor of Engineering - Computer Science (Honors in AI)   CGPA: **8.65**
Savitri Bai Phule Pune University - Sinhgad Institute of Technology & Science   **2019 - 2023**

Projects

Tracker for Weather Conditions and Air Quality
Provides real-time weather and air quality information by leveraging RESTful APIs, Java, Spring Boot & OpenWeatherMap API for accurate data retrieval and analysis.

Portfolio Website
Developed a responsive and interactive portfolio website using Angular, HTML, and CSS to showcase resume, skills, Certifications,internships and work experience. Designed for seamless navigation across all devices.

Key Achievements

Data Pipeline Efficiency • RESTful APIs Development • Team Work, Collaboration & Leadership • Code Quality