

Lavanya Gollapelli

Software Engineer

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Professional Summary

Software Engineer with over 1+ year of professional experience in developing **RESTful APIs**, **ETL processes**, and building **data pipelines**. Expertise in **data integration**, **API development**, and **cloud deployment** with a focus on accuracy, performance, and adhering to best coding practices. Proficient in working with **Spring Boot**, **Kafka**, **MongoDB** and **Agile methodologies**.

Experience

Manuh Global Technologies Pvt. Ltd. — Remote

Associate Data Engineer | 10/2023 - 01/2025 | Insurance Domain - Data Integration System

- 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 — Remote

Intern | 04/2023 - 09/2023

- Contributed to the development of a Restaurant Management System, improving daily operations with features like inventory management, order processing, and employee scheduling using **Java**, **Spring Boot**, **Angular**, and **MySQL**.

Shaurya Technosoft Private Limited — Pune

Intern | 01/2022 - 03/2022

- Developed an **Employee Management System** using **.NET**, **C#**, and **MySQL** to manage employee data efficiently.

Skills

- Programming Languages: **Java**, **Python**
- Technologies: **Spring Boot**, **Kafka**, **JUnit Test cases**, **Mockito Framework**, **Git**
- Cloud Platforms: **Google Cloud**, **Azure DevOps**
- Data Management: **SQL**, **MongoDB**, **IBM Infosphere**, **Informatica**
- Tools: **CI/CD**, **Maven**, **Docker**, **Agile Methodologies**

Education

Bachelor of Engineering - Computer Science (Honors in AI)

Sinhgad Institute of Technology & Science, Pune

CGPA: 8.65 | 2019 - 2023

Key Achievements

- Data Pipeline Efficiency:** Reduced data processing time by optimizing aggregation pipelines.
- RESTful API Development:** Developed high-performance REST APIs using **Java Spring Boot**, ensuring optimal performance and writing comprehensive test cases with **JUnit** and **Mockito** for reliable code.
- Team Leadership:** Led a team to execute Data Ingestion tasks, demonstrating strong communication skills and ensuring data pipeline efficiency and validation.
- Code Quality & Collaboration:** Fostered collaboration in maintaining high standards in code quality, debugging, unit testing, and performance across projects.