

Lavanya Gollapelli

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Professional Experience

Associate Data Engineer

Oct 2023 – Jan 2025

Manuh Global Technologies Pvt. Ltd.

- Developed enterprise-level **RESTful APIs** using **Java**, **Spring Boot** with **JWT-based authentication**.
- Built and maintained unit tests using **JUnit** and **Mockito**, ensuring code reliability and performance.
- Deployed **microservices** to **Amazon EKS** using automated **CI/CD pipelines**.
- Developed real-time data ingestion pipelines utilising **Kafka** for scalable data processing.
- Worked with **IBM InfoSphere** and **Informatica** to migrate data from **IBM Db2 & SQL Server** to **MongoDB**.

Internship

Infometh Solutions Pvt. Ltd.

- Contributed to a Restaurant Management System using **Java**, **Spring Boot & MySQL**.
- Developed core backend modules and assisted in API development and database schema design.

Internship

Shaurya Technosoft Pvt. Ltd.

- Built an Employee Management System using **.NET**, **C#**, & **MySQL**.
- Gained hands-on experience in CRUD operations and MVC architecture.

Education

Bachelor of Engineering (Computer Science, Honors in AI)

CGPA: 8.65

Savitri Bai Phule Pune University, Sinhgad Institute of Technology & Science

June 2019 – March 2023

Technical Skills

Languages: **Java**, **Python**

Web Technologies: **HTML**, **CSS**

Frameworks & Tools: **Spring Boot**, **JPA**, **Hibernate**, **Kafka**, **JUnit**, **Mockito**

Databases: **SQL**, **MongoDB**, **IBM Db2**, **MySQL**

Data Tools: **IBM InfoSphere DataStage**, **Informatica Intelligent Cloud Services**

Cloud & DevOps: **Git**, **Maven**, **Docker**, **AWS (EKS)**, **Azure DevOps**

Concepts: **OOPs**, **DSA**, **Design Patterns**, **Microservices Architecture**, **Agile/Scrum methodologies**

Projects - github.com/lavisg-2001

Weather & Air Quality Tracker - Developed a real-time weather and air quality application using **Java**, **Spring Boot** & **OpenWeatherMap API**.

Portfolio Website - Built a responsive portfolio site using **Angular**, **HTML**, and **CSS**.

Automated License Plate Recognition (ALPR) System - Built a **Python**-based system using **OpenCV** for license plate detection and **OCR** for text extraction.

Core Strengths

Focused, detail-oriented, collaborative, and an effective team player with strong analytical skills.