Lalitha Samyuktha Jayanthi

📞 +91 7569606146   ✉ samyukthajayanthi09@gmail.com   📍 Visakhapatnam

Value Proposition

Data Science graduate with a solid foundation in Python, Java, and SQL, seeking to contribute to innovative cloud-based and AI-powered solutions. Passionate about solving real-world challenges in pharma, life sciences, and entertainment through scalable systems and data-driven applications. Eager to grow in agile teams, apply modern engineering practices, and continuously learn new tools and frameworks to deliver impactful technology.

Education

- B. Tech | CSE-Data Science | Avanthi Institute of Engineering and Technology | 2025 | 7.88 CGPA
- Intermediate | Sri Chaitanya Jr. College | 2021 | 9.12 CGPA
- Tenth | Sri Chaitanya School | 2019 | 9.5 CGPA

Technical Proficiencies

Languages: Python, Java, SQL.
Cloud Platforms: AWS (EC2, S3, Lambda), Azure (Basics).
Tools & Frameworks: Docker, Git, Jenkins, Rasa, TensorFlow, PyTorch.
Databases: MySQL, Hive.
Concepts: Agile Methodologies, REST APIs, CI/CD, Data Pipelines.

Projects

AI-Powered Resume Ranker *An NLP-based application to rank resumes based on job descriptions*

- Developed using Python, Scikit-learn, and BERT
- Deployed on AWS using EC2 and Lambda
- Achieved 85% accuracy in matching resumes to job roles
- Integrated with a web dashboard for recruiters

Real-Time Emotion Detection System *Computer vision project for detecting emotions from live video feed*

- Built with OpenCV and TensorFlow
- Containerized using Docker for scalable deployment
- Used in a demo for entertainment analytics

Distributed ML Training Pipeline *Prototype for scalable model training across multiple nodes*

- Implemented using PyTorch DDP and TensorFlow Distributed
- Monitored performance using Prometheus and Grafana
- Reduced training time by 40% compared to single-node setup

AI Chatbot for Student Support *Conversational agent for academic queries and campus info*

- Built using Rasa and integrated with BERT for contextual understanding

- Deployed on cloud with Docker and GitHub Actions

- Handled over 1,000 queries with 90% accuracy in response relevance

Internships & Simulations

- AI Intern – AIMER Society | 8 Weeks
- ML Intern – Indian Servers | 8 Weeks
- Data Science Intern – Yhills | 8 Weeks
- Data Science Intern – Prodigy | 4 Weeks
- Job Simulation – TCS | Forage Plat form

Certifications

- Infosys Springboard certification in Software Engineering and Agile development.
- Google Cloud Gen AI.
- Data Analytics by Jobaaj Learnings.
- SQL by Oracle.
- Java by Oracle.

Strengths

- Quick learner with a strong foundation in programming and problem-solving

- Collaborative mindset with excellent communication skills

- Passionate about building scalable, real-world tech solutions