

Lalitha Samyuktha Jayanthi

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Visakhapatnam

Value Proposition

Data Science graduate seeking a Software Engineer position to leverage strong programming skills in Java, Python, and Angular, along with a passion for developing innovative software solutions. Eager to contribute to CI/CD pipeline management, troubleshooting, and collaborative team environments through hands-on project experience.

Education

- B. Tech | CSE-Data Science | Avanathi 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

- Programming Languages: Java, Python, SQL
- Frameworks & Technologies: Angular, Spring, Hibernate, REST APIs
- Databases: PostgreSQL, SQL
- Tools & Platforms: Git, Jira, Jenkins, Postman (API Testing), Docker, AWS Services
- Operating Systems: Microsoft Windows, Linux
- Other: Web Application Development, Shell Scripting, Microservices, Web Security Basics
- Soft Skills: Strong problem-solving, effective written and verbal communication, ability to work independently and in teams

Projects

1. Inventory Management System

- Built a system to manage supply chain inventory using Python and SQL, focusing on real-time data updates for manufacturing industries.
- Implemented features for tracking stock levels, generating reports, and identifying discrepancies, mimicking EDI processes used in automotive and supply chain sectors.
- Used GitLab for version control and collaborated with a team of peers to troubleshoot issues.
- Documented bugs and created detailed specifications for software solutions to meet project requirements.

2. CI/CD Pipeline Automation

- Created a mock CI/CD pipeline using Jenkins to automate build and deployment processes for a sample web application.
- Configured scripts for build promotion to higher environments and performed troubleshooting for environmental issues in development and QA stages.
- Utilized Shell Scripting on Linux to automate repetitive tasks, enhancing deployment efficiency.
- Tested API endpoints using Postman to ensure seamless integration and functionality.

3. Cloud-Based Data Processing Tool

- Developed a data processing application using AWS Services to handle large datasets, inspired by big data technologies used at Infosys.
- Integrated user-friendly interfaces with Angular for data visualization and user interaction.
- Wrote technical documentation detailing software specifications and provided mock support to peers for implementation challenges.
- Ensured application security by applying basic web security practices during development.

| 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

- AWS Cloud Practitioner
- Microsoft Azure Fundamentals
- Google Cloud Gen AI
- Data Analytics by Jobaaj Learnings.
- SQL by Oracle.
- Java by Oracle.

| Professional Attributes

- Strong understanding of automotive and manufacturing industry needs through academic research and project work focused on supply chain solutions.
- Familiarity with Sumo Logic for log analysis through self-learning and online tutorials.
- Proficient in Microsoft Office Applications for documentation and reporting.
- Keen interest in continuous learning and staying updated with emerging technologies like microservices and cloud computing.