

Lalitha Samyuktha Jayanthi

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Visakhapatnam

Value Proposition

Data Science graduate with a strong foundation in software development, database management, and data analysis. Passionate about building and enhancing software applications through hands-on projects involving SQL, Python, and debugging. Eager to apply problem-solving skills and continuous learning mindset to contribute to software engineering teams. Skilled in gathering requirements, designing reports, and collaborating on technical designs, with a focus on process improvements and adaptability.

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

- SQL and PL/SQL
- Programming Languages:** Python, Java, C++
- Database Management Systems
- Debugging and Root Cause Analysis
- Version Control:** Git
- Unit Testing
- Data Analysis
- Business Intelligence Tools:** Tableau, Power BI

Projects

- Healthcare Workflow Analytics Dashboard**
 - Developed a full-stack application to simulate healthcare workflows, fetching patient data from a SQL database and processing it for real-time analytics.
 - Designed and implemented custom reports using Python for data representation, including visualizations for patient trends and resource allocation.
- Report Generation Tool for Business Intelligence**
 - Built a tool to gather requirements, fetch data via complex SQL queries from relational databases, and process it for dynamic report generation.
 - Handled data analysis and representation, creating interactive dashboards in Tableau for insights on simulated business datasets.
 - Participated in technical design discussions to suggest improvements, such as adding automated unit tests and version control with Git.
- Debugging and Enhancement of E-Commerce Application**
 - Enhanced an existing open-source e-commerce platform by debugging issues in the backend, using Java and SQL for data management.
 - Added new features like user-specific reports, involving requirement gathering, work estimation, and execution planning.
 - Performed unit testing and suggested architecture improvements to support scalability, including better error logging and resolution documentation.

4. Data Processing Pipeline for Real-Time Analytics

- Designed a pipeline to process large datasets in real-time, using Python and SQL for data fetching and analysis.
- Integrated cloud tools like Azure Data Factory for workflow orchestration, simulating healthcare data models for efficiency.

| 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 Platform

| Certifications

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

| Professional Attributes

- Willing to work additional or irregular hours as needed.
- Committed to corporate security policies and safeguarding assets.
- Interests: Software Development, Big Data Technologies, Cloud Computing, Continuous Learning.