

# Lalitha Samyuktha Jayanthi

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## Value Proposition

Enthusiastic Data Science graduate with a passion for technology and a curiosity-driven approach to problem-solving. Adaptive team player who fosters a collaborative environment and brings an innovative mindset to projects. Possesses an agile mindset with strong multi-tasking abilities and a keen eye for detail. Eager to apply understanding of software development best practices, SDLC, and programming skills in Java, Python, and SQL to contribute to dynamic tech teams.

## 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

- **Programming Languages:** Java, Python, .NET (basic understanding)
- **Databases and Analytics:** SQL, Oracle (fundamentals), data analytics tools like Pandas and NumPy
- **Software Development:** Knowledge of SDLC phases (requirements gathering, design, implementation, testing, deployment); best practices including version control (Git) and agile methodologies
- **Soft Skills:** Team collaboration, innovative problem-solving, agile multi-tasking, attention to detail, digital thinking
- **Tools:** Eclipse/IntelliJ, Jupyter Notebook, MySQL Workbench

## Projects

### E-Commerce Web Application (Java-based Project)

- Developed a full-stack e-commerce platform using Java and Spring Boot, incorporating user authentication, product catalog, and shopping cart features.
- Applied SDLC best practices: Conducted requirements analysis, designed database schema with SQL, implemented agile iterations for feature development, and performed unit testing to ensure functionality.
- Technologies: Java, SQL, HTML/CSS, Git

### Data Analytics Dashboard (Python Project)

- Built an interactive dashboard for analyzing sales data using Python, Pandas, and Matplotlib, processing datasets from CSV files to generate insights on trends and forecasts.
- Followed SDLC principles: Gathered data requirements, designed ETL processes, implemented scripts with error handling, and deployed via Streamlit for user interaction.
- Technologies: Python, SQL for querying, Jupyter Notebook

## **Personal Finance Tracker (Database Project)**

- Created a database-driven application to track expenses and budgets using Oracle and Python, including features for data entry, reporting, and visualizations.
- Utilized software development best practices: Modeled ER diagrams, normalized tables to avoid redundancy, and integrated queries for real-time analytics.
- Technologies: Oracle, Python, SQL

## **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**

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

## **Professional Attributes**

- Adaptive to team and fosters collaborative approach
- Innovative
- Shows passion and curiosity, desire to learn and can think digital
- Agile mindset and ability to multi-task
- Detail Oriented