# Lalitha Samyuktha Jayanthi

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## Value Proposition

Data Science graduate with a strong foundation in Core Java, object-oriented programming, and data structures. Passionate about building scalable applications and contributing to impactful software solutions. Seeking a Java Developer role to apply my skills in backend development, problem-solving, and collaborative engineering.

## 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: Java, Python, SQL, HTML, CSS, JavaScript Frameworks: Spring Boot (basic), Hibernate (familiar), LangChain Tools: Git, GitHub, Power BI, VS Code Databases: MySQL, PostgreSQL Concepts: Object-Oriented Programming, REST APIs, Data Structures, CI/CD, Retrieval-Augmented Generation Cloud Platforms: AWS , Azure, Service Now.

## Projects

**1. Employee Management System** Tech Stack: Java, Spring Boot, Hibernate, MySQL
- Developed a full-stack web application to manage employee records with CRUD operations
- Implemented RESTful APIs using Spring Boot and data persistence with Hibernate ORM
- Designed responsive UI using HTML, CSS, and JavaScript
- Added role-based access and input validation for secure data handling

**2. Online Course Registration Portal** Tech Stack: Java, JDBC, MySQL
- Built a Java-based web application for students to register for courses
- Used Servlets and JSP for dynamic content rendering and form handling
- Connected to MySQL database using JDBC for real-time data storage and retrieval
- Applied MVC architecture for clean separation of concerns

**3. Task Tracker REST API** Tech Stack: Java, Spring Boot, PostgreSQL
- Created a RESTful API for managing tasks with endpoints for create, read, update, and delete
- Integrated PostgreSQL for persistent storage and used JPA for data mapping
- Implemented exception handling and logging for better maintainability
- Deployed locally and tested using Postman

**4. Student Result Analyzer** Tech Stack: Java, JavaFX, SQLite
- Desktop application to analyze student performance based on marks and attendance
- Used JavaFX for GUI and SQLite for lightweight local storage
- Included data visualization features like bar charts and pie charts for insights.

## 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.

## Soft Skills

Problem-solving and analytical thinking

Effective communication and collaboration

Quick learner with a growth mindset

Reliable team player with leadership experience in academic projects