Modala Kusuma Latha

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Professional Summary

Final-year B.Tech IT student with strong skills in Java, Python, SQL, and full-stack development. Experienced in understanding business requirements, designing low-level components, and performing testing and debugging within SDLC and Agile workflows. Demonstrated ability to collaborate effectively, document processes, and deliver reliable solutions with ownership and attention to detail.

Technical Skills

Programming: Java, Python, C, SQL
Web Technologies: HTML5, CSS3, JavaScript, React.js, Bootstrap
Tools & Frameworks: Spring Boot, JDBC, Git, GitHub, VS Code
Database & Cloud: MySQL, AWS (Basic), Netlify, GitHub Pages
Core Competencies: SDLC, Agile Methodology, Requirement Analysis, Low-Level Design, Testing & Debugging
Soft Skills: Communication, Team Collaboration, Leadership, Analytical Thinking

Education

Vasireddy Venkatadri Institute of Technology	2022 – 2026
B.Tech in Information Technology	GPA: 8.3
Sri Chaitanya Junior College	2020 – 2022
Intermediate (MPC)	88.1%
Sri Chaitanya Techno School	2020
SSC	99%

Projects

Course Assessment Tracker   Feb 2024 – Apr 2024
Python, Pandas, Excel Automation

- Automated internal marks processing, reducing manual effort by 80%.
- Implemented weighted scoring logic (70–30) with proper low-level component design and validation.
- Generated analytical Excel reports using Pandas/OpenPyXL, ensuring accurate insights aligned with SDLC practices.

Online Meeting Scheduler (EduMeet)   Sep 2025 – Nov 2025
React.js, Node.js, MySQL, JWT Auth, NLP/ML

- Built an intelligent scheduling platform enabling teachers to publish availability and students to book conflict-free sessions.
- Developed an NLP-based ML model to classify student queries and automatically recommend suitable teachers.
- Implemented temporal slot management, real-time synchronization, and secure role-based access following SDLC standards.

Certifications

Programming: Java – Infosys Springboard (2024), Programming in Java – NPTEL (2023)
Computer Science: Data Structures Using C – Codetantra (2023)
Cloud & Platforms: Cloud Computing – NPTEL (2024)

Achievements & Activities

- Active NSS volunteer contributing to community service and awareness initiatives.
- Organized "Spardha" event with 300+ participants; managed logistics, coordination, and execution.
- Conducted UI Path automation workshops and mentored peers in process automation.
- Recognized for leadership, teamwork, and active participation in technical and cultural events.