LASYA MORAVINENI

lasyamacs08@gmail.com | LinkedIn ⏍ | GitHub ⏍ | Portfolio ⏍ | +91- 7075769940 | Hyderabad

SUMMARY

BTech graduate working as technical apprentice at Cisco. Strong foundation in Java, Data Structures & Algorithms, and full-stack web development. Experienced in building backend services, REST APIs, and working in professional Agile environments. Actively developing skills in cloud technologies and Generative AI.

EDUCATION

BTech - CSE (AI & ML)   **2020 - 2024**
CMR Institute of Technology, Hyderabad **|** CGPA - 8.73

EXPERIENCE

Software Engineer Trainee (Apprentice)   **August 2025 – Present**
Cisco Systems, Inc.| Hyderabad - IN

Apprenticeship Coursework & Hands-on Learning

- Completed structured apprenticeship learning paths focused on **Core Python** and **Java Full Stack Development**.
- Completed a 4-phase **Java Full Stack Development** program covering:
  - Frontend: HTML, CSS, JavaScript, Angular
  - Backend: Java, Spring Boot, Maven, REST APIs
  - Database: MySQL
  - Deployment & CI/CD: Jenkins (pipeline execution), Docker, AWS EC2

- **Capstone Project:** Designed and developed a Movie Booking Application with end-to-end full-stack integration and cloud deployment.

Team-Assigned Engineering Tasks
- Developed an MCP-based Calendar tool and integrated it with Claude to enable tool-based interactions.
- Implemented an AWS Lambda function with SNS integration to automate email notifications to team members.
- Built a Release Builder UI to convert release notes (text/CSV/other formats) into structured JSON for standardized documentation.

SKILLS

- **Programming Languages**: Java, JavaScript, Python, SQL
- **Frontend Technologies**: HTML5, CSS3, Angular
- **Backend & APIs**: Spring Boot, REST APIs, Maven
- **Cloud & DevOps**: AWS (EC2, Lambda, SNS, S3, IAM – basic), Docker, Jenkins (pipeline execution)

PROJECTS AND PROFESSIONAL WORK

Movie Booking Application
Tech stack: Angular, Java, Spring Boot, REST APIs, MySQL, Docker, AWS EC2
- Developed a full-stack web application for movie browsing and ticket booking using Angular and Spring Boot.
- Built RESTful backend services for booking and user management with MySQL persistence.
- Deployed the application on AWS EC2 using Docker.

MCP-based Calendar Tool
Tech stack: MCP, Claude desktop, Python
- Developed a calendar tool using the Model Context Protocol (MCP) and integrated it with Claude for tool-based interactions.
- Enabled LLM-driven scheduling actions through structured tool invocation and response handling.
- Gained hands-on experience in AI tool integration and LLM orchestration workflows.

Cloud & Automation Tasks
- AWS Lambda-based email notification automation
- MySQL database backup automation prior to data modifications
- CI/CD exposure using Jenkins and Docker

CERTIFICATIONS

- **GitHub Copilot for Software development Using Python** — *Cisco & Simplilearn, Feb 2026*
- **Java Full Stack Development Program** – *Cisco & Simplilearn, Oct – Dec 2025*
- **AWS Cloud** - *ICT Academy and Cognizant Foundation, Feb 2023*