

# LASYA MORAVINENI

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## PROFESSIONAL SUMMARY

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Software Engineer Trainee at Cisco with experience building full-stack applications using Java, Spring Boot, Angular, REST APIs, SQL, and AWS. Hands-on experience with microservices, CI/CD, enterprise integrations, and AI-powered workflows using MCP and LLM orchestration.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, SQL

**Frontend:** Angular, HTML, CSS

**Backend:** Spring Boot, REST APIs, Microservices, JSON Processing

**Databases:** MySQL, PostgreSQL

**Cloud/DevOps:** AWS, Docker, Jenkins, CI/CD

**AI/Integration:** MCP, Claude, Agentic Workflows, REST APIs

## EXPERIENCE

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**Software Engineer Trainee (Apprentice)**

Aug 2025 – Present

**Cisco Systems, Hyderabad**

- Developed full-stack applications using Java Spring Boot, Angular, SQL, and REST APIs.
- Built scalable backend services and enterprise API integrations for business workflows.
- Automated deployments using Jenkins, Docker, and CI/CD pipelines.
- Developed an MCP-based AI Calendar Tool enabling LLM-driven task execution.
- Built AWS Lambda and SNS workflows for event-driven automation.
- Created a Release Builder converting text/CSV release notes into structured JSON.
- Collaborated in Agile teams using Jira, Git, and cross-functional engineering practices.

## PROJECTS

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**Full-Stack Movie Booking Platform**

*Angular, Spring Boot, REST APIs, MySQL, Docker, AWS EC2*

- Developed a full-stack booking platform using Angular frontend and Spring Boot backend following layered architecture principles.
- Designed and implemented RESTful APIs for user authentication, movie scheduling, seat selection, and booking workflows.
- Integrated MySQL database with optimized relational schema design for transactional data management.
- Containerized backend services using Docker and deployed on AWS EC2 for scalable application hosting.
- Implemented JSON-based client-server communication and API error handling to improve application reliability.

**Real-Time Log Processing System**

*Apache Kafka, Kafka Streams, Spring Boot, Angular, WebSocket*

- Built a distributed real-time monitoring platform to process and visualize streaming application logs.
- Utilized Kafka Streams for event aggregation, transformation, and computation of service-level metrics.
- Developed Spring Boot services to consume and process high-volume event streams.
- Implemented WebSocket-based dashboards for live updates and dynamic filtering by client and service identifiers.
- Gained hands-on experience with event-driven architecture, distributed systems, and real-time data pipelines.

**AI-Integrated Calendar Automation Tool**

*MCP, Claude, Python*

- Developed an AI-powered calendar assistant integrating Claude with external tools through the Model Context Protocol (MCP).
- Implemented structured tool invocation and response handling to enable LLM-driven scheduling and calendar operations.
- Designed agentic workflow patterns allowing autonomous execution of calendar-related tasks.
- Built reusable integrations supporting extensible tool orchestration and backend service communication.
- Explored practical applications of AI agents, MCP servers, and enterprise workflow automation.

## EDUCATION

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**B.Tech. Computer Science and Engineering (AI & ML)**

2020 – 2024

CMR Institute of Technology, Hyderabad

CGPA: 8.73/10

## CERTIFICATIONS

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- AWS Certified Cloud Practitioner – AWS Training and Certification, 2026
- GitHub Copilot for Software Development Using Python – Cisco & Simplilearn
- Java Full Stack Development Program – Cisco & Simplilearn