

Lalitha M. Divakaruni

lalithamadhuri3@gmail.com | (548)-255-3657 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

EDUCATION

Conestoga College

Waterloo, CA

Sep '23 - Dec '24

Postgraduate Diploma in Mobile Solutions Development

Coursework: Systems Analysis and Design, UX Design, Mobile Application Development, Web Development, Database Design, Networking, Software Security, Entrepreneurship

Vignana Bharathi Institute of Technology

Hyderabad, India

Bachelor's in information technology

July '19 - Jun '23

SKILLS

Languages: Python, Java, C, JavaScript, TypeScript, HTML, CSS

Frontend: React, Tailwind CSS, Bootstrap, Material UI, Accessible UI

Backend: Node.js, Express.js, REST APIs, FastAPI, PostgreSQL, MongoDB, SQLite, Firebase

Cloud and DevOps: AWS Lambda, S3, Docker, Git, GitHub, CI/CD

Machine Learning & AI: NLP, supervised and unsupervised learning, LLM fundamentals

Tools & Platforms: Postman, VS Code, Jira, Agile/Scrum, Google Cloud Platform, Microsoft Suite

Practices: API security, real time data handling, test automation.

WORK EXPERIENCE

Vosyn

Toronto, CA

May '25 - Present

Software Development Engineer

- Developed scalable, modular content management frontend platform using React and Tailwind CSS, reducing page load times by **30%**
- Refactored legacy UI into reusable components, improving maintainability and DOM performance by **25%**
- Integrated REST APIs and third-party SDKs, accelerating developer workflows by **40%**
- Built backend mock services simulating FastAPI endpoints to support offline-first development
- Automated deployment workflows using Docker and GitHub Actions CI/CD pipelines
- Gained experience with AWS Lambda and serverless microservices architecture
- Collaborated in Agile sprints, participating in sprint planning, code reviews, and product design discussions

RELEVANT EXPERIENCE

- AWS Anomaly Dashboard:** Built a full stack anomaly detection system with real-time cost monitoring and alerting, improving query performance by **20%** and enabling **reliable CI/CD deployments**.
- Legal AI Case Dashboard:** Developed an AI-driven legal case parsing dashboard, reducing manual review time by **50%** and improving data accuracy with **automated validation**.
- Task Management Platform:** Delivered a real-time, role-based access platform, improving API response times by **30%** and stabilizing releases through **unit and integration tests**.
- Workflow Automation Toolkit:** Automated recurring tasks to reduce manual work by **60%**, integrating event-based functions with **logging, monitoring, and error handling**.
- CropCrew:** Mobile-first farm operations platform with GPS tracking and real-time task management, improving field coordination and productivity.
- Search Engine with Machine Learning:** Built ML-powered search engine, increasing result relevance by **30%** over standard keyword search.

LEADERSHIP AND VOLUNTEER EXPERIENCE

Web Developer (Volunteer) - Hyderabad Pickleball Association (HPA), India

June '25 - Present

Designing and developing web solutions for event scheduling, registration, and notifications to improve member engagement.

Co-Curricular Leadership

Nov '20 - Nov '23

Designed posters and digital assets for student forums, led teams for college clubs, organized technical events and competitions, and supported large scale campus fests through coordination and planning.

CERTIFICATIONS AND COURSES

- AWS Cloud Virtual Internship** - Fundamentals of Cloud Infrastructure and Deployment
- AICTE AI-ML Virtual Internship** - Machine Learning and Cloud Integration Basics
- CCNA: Introduction to Networks** - Networking Fundamentals
- AWS Developer Associate (In Progress)** - Cloud Application Development and Deployment
- Building LLM Applications with Prompt Engineering (In Progress)** - Advanced AI Applications