

Lalitha Madhuri Divakaruni

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OBJECTIVE: Passionate tech enthusiast with expertise in programming. Dedicated to delivering impactful solutions and staying ahead in a collaborative environment.

HIGHLIGHTS

- Proficient in HTML, CSS, JavaScript, Python and Java, Familiar with Adobe XD, and Photoshop for graphic design tasks.
- Collaborative team player, actively improving communication skills, engaging in continuous learning to stay abreast of evolving industry trends.
- CCNA certifications for essentials of C language and networking fundamentals, Embarked on AWS Cloud certification journey for introductory cloud computing skills.

EDUCATION

Mobile Solutions Development 2024

Conestoga College, Waterloo

Bachelor of Information Technology 2023

Jawaharlal Nehru Technological University, Hyderabad, India.

PROJECT WORK

Git Repository: <https://github.com/LalithaaD?tab=repositories>

CropCrew (2024)

- **Description:** Developed a mobile application for farm management using Android Studio, Java, and Firebase.
- **Actions:** Integrated Firebase Authentication for security, Google Maps API for GPS tracking, Weather API for real-time weather updates, and Glide for efficient image handling. Used RESTful APIs and JSON for data exchange.
- **Results/Outcomes/Goals:** Ensured seamless task management, real-time data updates, and improved user experience with scalable backend support.

Search Engine using ML (2022-23)

- **Description:** Developed a Machine Learning-based search engine using HTML, CSS, JavaScript, MySQL, and Python for a college project.
- **Actions:** Implemented ML algorithms in Python, integrated HTML/CSS/JS for the interface, and utilized MySQL for data management.
- **Results/Outcomes/Goals:** Demonstrated successful integration of technologies, improving search functionality with positive project feedback.

Android Tour Recommendation System (2022)

- **Description:** Developed an Android app for tour planning with recommendations using XML, Angular JavaScript, HTML, CSS, Bootstrap, PHP, and MySQL.
- **Actions:** Implemented Java for Android compatibility, integrated a geographical-based system, and enabled user-contributed experiences.
- **Results/Outcomes/Goals:** Provided comprehensive tour suggestions, increased user engagement, and improved planning efficiency.

Decor Master (2022)

- **Description:** Medium-scale Android app for home renovation suggestions via images/videos.
- **Actions:** Applied Flutter, Dart, image/video processing, and interactive features.
- **Results/Outcomes/Goals:** Successfully simplified home renovation, positive user feedback, plans for AR integration and design catalog expansion.

CERTIFICATIONS

- AWS Cloud Virtual Internship (2021)
- AICTE AI-ML Virtual Internship (2022)
- CCNA: Introduction to Networks (2021)
- CCNA: Essentials of c language (2020)