

Lasith Dissanayake

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Profile

I'm a passionate mobile and web developer with a strong foundation and capable of excelling in fast-paced environments. My aim is to deliver innovative solutions and contribute to team success. I'm enthusiastic about the emerging technologies in Generative AI and eager to integrate technologies to push towards new frontiers.

Technologies

Languages: HTML, CSS, JavaScript, Python, SQL

Frameworks/Libraries: ReactJS, React Native, NativeWind, TailwindCSS, Bootstrap

Tools: Git, GitHub, VS Code, Figma, Netlify

Skills: Web Development, Mobile App Development, Teamwork, Attention to detail, Effective communication

Experience

Associate Software Engineer (Contract), Snap86 Labs – Colombo Feb 2025 – Present

- Designed and developed a cross-platform mobile application (CaptionAI).
- Implemented best practices on developing and practiced Agile development methodologies.

Web Manager, SOMES – University of Moratuwa, Department of MSE Sept 2023 – Present

- Led a team of 4, on developing and maintaining the Official Website for SOMES.
- Enhanced the User Experience by implementing responsive web design and an attractive User Interface.

Projects

CaptionAI (github.com/DissanayakeLYB/CaptionAI)

- Developed a mobile application to let users upload a photo and generate captions to be used to share on their social media platforms.
- Tools Used: React Native, NativeWind, Kotlin, Jetpack Compose, GeminiAPI, Git

Materials Science and Engineering Official Website (github.com/DissanayakeLYB/MSE-website)

- Redesigned and developed a dynamic, user-friendly website featuring an aesthetic UI using an easily maintainable tech stack for low-technical users.
- Tools Used: HTML, CSS, Bootstrap, JavaScript

AutoScroller (github.com/DissanayakeLYB/AutoScroller)

- Developed an eye-tracking system using Python to enable hands-free page scrolling through real-time eye movement detection and calibration.
- Tools Used: Python, OpenCV, MediaPipe

Education

University of Moratuwa, BSc. in Materials Science and Engineering June 2021 – June 2025

- GPA: 3.5/4.0 (Dean's List - Semester 5, 6, 7)
- **Courseworks:** Data Structures and Algorithms, Pattern Recognition (ML), Programming Fundamentals (Python)

Certifications

- **Responsive Web Design**, FreeCodeCamp (Jan 2025)
- **Career Essentials in Software Development by Microsoft and LinkedIn**, LinkedIn Learning (Dec 2024)
- **The Complete SQL Bootcamp**, Udemy (Dec 2024)