

LASITH DISSANAYAKE

lasithdissanayake.official@gmail.com

419/1, Mankada Road, Kadawatha

+94 77 021 2604

<https://lasith.netlify.app/>



EDUCATIONAL BACKGROUND

Materials Science & Engineering (Final Year UG)

University of Moratuwa (2021 - Present)

- CGPA - 3.50 (Dean's List - Semester 5,6,7)
- Reading for a Minor in Pattern Recognition
- Working on the FYP based on Machine Learning

Kingswood College, Kandy (2005 - 2018)

- GCE O/L Examination - 8A, 1B (English Medium)
- GCE A/L Examination - 2A, 1B (Sinhala Medium)

EXPERIENCES

Associate Software Engineer (Contract)

Snap86 Labs (2025 Feb - Present)

- Developing **CaptionAI**, an Android mobile application that generates shareable social media captions based on the uploaded photos.

Web Manager

SOMES (2024 - Present)

- **Leading a team of 4**, on developing and maintaining the **official website** for the Department of MSE of University of Moratuwa

Internship

Michelin Lanka (Pvt) Ltd. (2023 Feb - 2024 May)

- Participated in the mandatory Materials Science and Engineering related internship and initiated automation projects utilizing **Excel (VBA)** and **Python**.

SKILLS

- Leadership
- Teamwork
- Problem-Solving
- Communication skills

TECH STACK

- HTML
- CSS
- JavaScript
- TypeScript
- Bootstrap
- TailwindCSS
- React
- Next.js
- Python
- Git / GitHub
- PostgreSQL

CERTIFICATIONS

- Career Essentials in Software Development by Microsoft and LinkedIn
- HackerRank Skill Certificate - Python
- Responsive Web Design - FreeCodeCamp
- React with Redux Tutorials: Mastering Modern Web Development - Udemy
- Machine Learning Specialization - Andrew Ng (Cousera)

PROJECTS

ChatPDF Wrapper

Tech Stack - HTML, CSS, JavaScript, ChatPDF API, Netlify

Built a **frontend** by wrapping the original ChatPDF API, enabling users to upload PDFs and engage in natural-language conversations within a **clean and responsive web interface**. Leveraged **ChatPDF backend API** to handle document and **real-time chat options**.

Github - github.com/DissanayakeLYB/chatpdf-clone

Demo - chatpdf-wrapper.netlify.app

DevLinker

Tech Stack - React (Vite), Tailwind CSS, JavaScript, LocalStorage, Netlify

Built a **responsive web app** that allows developers to create, manage, and share personalized collections of useful links such as tools, documentation, and articles. The project showcases **dynamic UI** rendering with Tailwind CSS, **route-based navigation** using React Router, and **full CRUD operations** handled through **React hooks** with **data persisted in LocalStorage**.

GitHub - github.com/DissanayakeLYB/DevLinker

Demo - dev-linker.netlify.app

MSE Careers Day 2025 - Official Website

Tech Stack - Next.js, TypeScript, Tailwind CSS, Vercel, Cursor IDE

Developed and launched the **official website** for the Materials Science & Engineering **Careers Day 2025**. The responsive platform spotlights **event information**, **sponsors**, and a **student directory** with **skills**, **social profiles**, and **internship experiences**. Strategically designed to enable **recruiters to discover** potential candidates based on their interest areas. Utilized **AI code editors** and **prompt engineering** as well.

Github - github.com/DissanayakeLYB/MSE-Career-Fair

Demo - careersday-mse.com

AutoScroller

Tech Stack - Python, OpenCV, MediaPipe, NumPy, PyAutoGUI

Built a **real-time eye-tracking tool** that enables **hands-free scrolling** using a webcam. Leveraged MediaPipe for eye landmark detection and PyAutoGUI for automated scroll actions. Includes **calibration** and **adjustable sensitivity**, making it an accessible and **customizable** solution for hands-free navigation.

Github - <https://github.com/DissanayakeLYB/AutoScroller>

Demo (LinkedIn) - [linkedin.com/posts/lasith-dissanayake_autoscroller_post](https://www.linkedin.com/posts/lasith-dissanayake_autoscroller_post)

REFERENCES

Mr. T.C. Dharmasena
Software Engineer
IGT1
Sitecore
tanujchamil@gmail.com
+94 71 731 9357

Mr. U.U.K. Gayachandra
Activity Manager
Michelin Lanka (Pvt) Ltd.
CPD - Kotugoda.
udaya.gayachandra@michelin.com
+94 77 296 1012