LASITH DISSANAYAKE

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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
- Bootstrap
- TailwindCSS
- React
- Next.js
- Kotlin
- Python
- Git
- GitHub

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

MSE Careers Day 2025 - Official Website

Tech Stack - Next.js, 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

Personal Portfolio Website

Tech Stack - HTML, CSS, JavaScript, Netlify

Designed and developed a **responsive portfolio** hosted on Netlify to showcase my **web development** and **AI/ML** projects, coding skills, and professional journey. The site features interactive **project demos**, integration with GitHub links, a **downloadable resume**, and a **contact section** built to facilitate networking, demonstrate capabilities, and support career growth.

Github - github.com/DissanayakeLYB/Portfolio-Lasith
Demo - lasith.netlify.app/

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/Portfolio-Lasith
Demo - chatpdf-wrapper.netlify.app

Department of MSE, UOM - Official Website (In Progress)

Tech Stack - HTML, CSS, Bootstrap, JavaScript, Netlify

Designing and building a **responsive, interactive digital presence** for the university's Materials Science and Engineering department, hosted on Netlify. This **ongoing project** aims to showcase department **programs, research highlights, faculty** & **student profiles**, and event announcements.

Github - github.com/DissanayakeLYB/MSE-website
Demo - mse-uom.netlify.app

REFERENCES

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