



Malinka Wickramasinghe

BSc Hons (Information Technology) (UG)

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PERSONAL OVERVIEW

A highly adaptable and motivated individual with strong problem-solving and rapid learning abilities. Passionate about full-stack development, I thrive in dynamic environments and approach challenges with a proactive, solutions-oriented mindset. I am eager to acquire new knowledge and technologies, while leveraging strong teamwork and collaboration skills to contribute effectively to projects and organizational goals.

EDUCATION

- **Bachelor of Science Honors in Information Technology (UG)** Aug 2023 - Aug 2027 Expected
Faculty of Information Technology, University of Moratuwa
- **G.C.E.(A/L) in Physical Science Stream** Jan 2012- Oct 2021
Sujatha Vidyalaya, Matara, SriLanka.
Combined Mathematics-A, Chemistry-A, Physics-B

CERTIFICATIONS

CIMA (In Progress)(1 st Level)

PROJECTS

- **Travel wish - Personalized Travel Planning Platform** Academic Project (2024)
Developed the Travel Wish mobile application by implementing secure login and sign-up authentication, designing and integrating multiple user-focused pages, and building backend services to support data management and core features. Contributed to both frontend and backend development, ensuring a smooth and engaging user experience while delivering a functional and scalable travel planning platform.
Role: Team leader and full-stack developer (web/app)
Skills: Next.js, Express.js, Node.js, MongoDB
- **Portfolio - Interactive Personal Showcase Website** (2025)
Designed and developed a personal portfolio website to showcase projects and skills, featuring an interactive and responsive interface with modern UI/UX design principles. Implemented smooth navigation, optimized performance, and integrated project highlights to present work in a professional and accessible manner
Skills: Next.js, Tailwind Css
- **Turtable Photography Setup** Academic Project (2023)
Developed a custom hardware setup for turntable photography, enabling 360-degree product photography. The system featured a rotating platform controlled by stepper motors for precise and consistent rotation. Integrated light strips and LDR sensors to adjust lighting conditions automatically based on the ambient light, ensuring optimal illumination for high-quality image capture. The setup was compatible with various camera systems, allowing for automated, synchronized photography at specific intervals for professional use.
Role: Team member and develop IoT parts and web site frontend
Skills: Next.js, Tailwind Css, Aurdino, C+

- **Boublelicious(E-commerce Project)** Academic Project (2023)
Developed a responsive and visually appealing website for a bubble tea shop to showcase products, menu, and promotions. Implemented interactive features for product browsing, contact forms, and order inquiries. Focused on user-friendly design and seamless navigation to enhance customer experience.
Role: Team leader and developer
Skills: php, MySQL, html, css
- **UoM Leos Website Maintenance (Director of WEB and PR, LEO Club of University Of Moratuwa)**
Actively manage and update the official website for the Leo Club of the University of Moratuwa. Responsibilities include ensuring user-friendly navigation, integrating modern and creative designs, and keeping the site updated with relevant information about club events and initiatives. Utilized PHP for back-end functionality to improve content management and implemented features for optimized performance and responsiveness across devices.
Role: Web Developer
Skills: HTML, CSS, JavaScript, PHP, WordPress (2024 - 2025)

TECHNICAL SKILLS

- **Languages:** JavaScript, Java, Typescript, C, PHP, HTML, CSS
- **Front End Technologies:** React, Next, Tailwind
- **Back End Technologies:** Express.js, Node.js
- **Mobile Application Development:** Flutter
- **Database Technologies:** MySQL, mongoDB

LEADERSHIP AND VOLUNTEERING

- Director of Web and Public Relations- Leo Club of University of Moratuwa, (2024-2025)
 - Project Director – Devthon 2.0: Organized a large-scale web development competition in collaboration with SLTC, handling recruitment, sponsorships, and event promotion.
 - Project Director – NextWave: Directed a continuous freelancing awareness project, conducting 5+ school missions to educate students on digital career opportunities.
- Member of Rotaract Club of University of Moratuwa
- Member of IEEE Student Branch of University of Moratuwa
- Member of Dancing Club of University of Moratuwa

ACHIEVEMENTS

- Member Sri Lankan Girl Guides' Association (President's Awarded)
- Successfully completed Python for Beginners - Open UOM
- Dakshina Jeeewani'18 Quiz Competition (12/13 Section) won the 1st Place

REFERENCES

Manujaya Kalanajith Widanapathirana
CEO/Founder Infact Solutions
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