

MILINDA HASHAN

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PROFILE SUMMARY

I am an enthusiastic IT undergraduate at the University of Moratuwa with a passion for solving real-world challenges through technology. Skilled in full-stack development, I design and build scalable applications through academic and personal projects. With strong teamwork, adaptability, and quick learning ability, I aim to contribute effectively through a **software engineering internship** while exploring emerging technologies in Information Technology.

PROJECTS

- 1. Translation Inventory Tool | Full-Stack Developer** 2024
 - Developed a multilingual translation management platform.
 - Implemented secure role-based authentication and access control.
 - Built real-time collaboration features for translators and reviewers.
 - Integrated automated quality checks for consistency and accuracy.
 - Developed analytics dashboards to track translation progress.

Technologies- React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Figma

GitHub- [Front-End: GitHub Link](#) [Back-End: GitHub Link](#) [UI/UX: Figma Link](#)
- 2. Authentication Platform | Full-Stack Developer** 2025
 - Built a secure authentication app with user registration, login, and role-based access.
 - Implemented JWT authentication with session management for security.
 - Added premium features like exclusive dashboards and a protected image gallery.
 - Designed a modern, responsive UI with Mantine UI and Tabler Icons.

Technologies- Next.js, TypeScript, MongoDB, Mantine UI

GitHub- [GitHub Link](#)
- 3. Edusity – Modern Education Web Application | Frontend Developer** 2025
 - Developed a responsive education platform to enhance learning for students and educators.
 - Implemented interactive frontend features, including navigation, program sections, and contact system.
 - Built reusable components and optimized performance for a smooth, accessible user experience.

Technologies- JavaScript, React.js

GitHub- [Front-End: GitHub Link](#)
- 4. Rent Site – Property Rental Management System | Full-Stack Developer** 2024
 - Developed a web platform to streamline property rentals for owners and tenants.
 - Enabled listings, search, booking, and payment tracking.
 - Built dashboards for user roles with real-time notifications.
 - Ensured security, scalability, and responsive design across devices.

Technologies- Laravel, PHP, Blade, Bootstrap, JavaScript

GitHub- [GitHub Link](#)

5. Smart Diagram Drawer and Eraser | Microcontroller-Based Hardware Project2023

- Led development of a smart device that autonomously draws and erases diagrams on whiteboards.
- Utilized CNC-driven stepper motors for precise X-Y axis drawing.
- Designed an automated eraser arm for efficient and intelligent erasing.
- Aimed to reduce manual effort in educational and corporate settings.

Technologies- Arduino, CNC Shield, Stepper Motors, Ultrasonic Sensors, IR Sensors, GRBL firmware, EasyEDA

GitHub- [GitHub Link](#)

EDUCATION

BSc.(Hons) Information Technology and Management2023-2027

Faculty of Information Technology, University of Moratuwa.
CGPA-3.42(4.0)

G.C.E. Advanced Level2018-2021

Physics-B, Chemistry-B, Bio-C | Bio Science Stream

G.C.E. Ordinary Level2006-2017

8As & B

TECHNICAL SKILLS

- **Programming Languages** - Java, C, JavaScript, TypeScript, PHP
- **Back-End Development** - Spring Boot, Node.js, Express.js, Laravel
- **Front-End Development** - React.js, Next.js, HTML, CSS, Bootstrap, Tailwind CSS
- **Mobile Development**- Flutter
- **Databases** - MySQL, MSSQL, MongoDB
- **Tools & Platforms** - Git, Jira, Figma
- **IDEs**- VS Code, IntelliJ, CLion

SOFT SKILLS

- Critical Thinking
 - Problem Solving
 - Leadership & Teamwork
- Time Management
 - Effective Communication
 - Creativity & Innovation

EXTRACURRICULAR ACTIVITIES

- Code Rush 2023/2024 Participant Organized by INTECS
- Member of an IEEE student branch of the University of Moratuwa

REFEREES

Mr. Tharindu Basnayaka

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