

# MILINDA HASHAN

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[portfolio/milindahw.vercel.app](https://portfolio/milindahw.vercel.app)

[github.com/Milindahashankumara](https://github.com/Milindahashankumara)



## 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.

## EDUCATION

### BSc.(Hons) Information Technology and Management

2023 - 2027

Faculty of Information Technology, University of Moratuwa.

CGPA- 3.42(4.0)

### G.C.E. Advanced Level

2018 - 2021

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

## PROJECTS

### 1. 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](#)

### 2. 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](#)

### 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 Project

2023

- 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](#)

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## 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

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## SOFT SKILLS

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

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## EXTRA-CURRICULAR ACTIVITIES

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

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## REFEREES

### Mr. Tharindu Basnayaka

Senior Software Engineer

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