




NALINA GENKESWARAN

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 Jaffna

ABOUT ME

Undergraduate Computer Science and Engineering student at the University of Moratuwa, passionate about full-stack development and solving real-world problems through technology. Skilled in coding, with a focus on continuous learning and professional growth.

EDUCATION

Undergraduate Education

- **Degree:** BSc (Hons) in Computer Science and Engineering
- **Institution:** University of Moratuwa, Department of Computer Science and Engineering
- **Duration:** 2026 – Present
- **Academic Performance:** Semester 1 SGPA: 3.59 / 4.0

Advanced Level Education

- **Institution:** Vembadi Girl's High School, Jaffna.
- **Results:** 3A (Physical Science)
- **Rankings:** District Rank: 23 | Island Rank: 525 | Z-score: 2.2574
- **Achievement:** School First for Advanced Level 2022

Ordinary Level Education

- **Institution:** J/Manipay Memorial English School
- **Examination:** GCE Ordinary Level
- **Results:** 9A (including A in ICT and Commerce)
- **Achievement:** School First for Ordinary Level 2019

LANGUAGES

- Tamil (Native)
- English (Intermediate)
- Telugu (Listening comprehension only)
- Sinhala (Basic)

PROGRAMMING LANGUAGES

- HTML
- CSS
- JavaScript
- TypeScript
- Python
- Java
- C++
- SQL/MySQL

Technologies & Frameworks

- **Front-end:**
 - 1) React
 - 2) Astro
 - 3) Tailwind CSS
 - 4) Bootstrap
- **Back-end:**
 - 1) Node.js
 - 2) Express.js
 - 3) Spring Boot (Java)
- **Databases:**
 - 1) MySQL
 - 2) PostgreSQL
- **Tools & Others:**
 - 1) Git/GitHub
 - 2) VS Code
 - 3) Postman
 - 4) RESTful APIs
 - 5) JSON

PROJECTS

Mora Exam Website | Front-End Developer

- Designed and developed a responsive and intuitive UI for a university exam platform.
- Ensured seamless navigation and accessibility for students.
- Technologies: HTML, CSS, JavaScript, TypeScript.
- GitHub: [Link](#)

Mora Exam Finance Dashboard | Front-End Developer

- Developed an interactive dashboard for managing exam-related financial data.
- Focused on responsive design and user-friendly UI.
- Technologies: TypeScript, React
- GitHub: [Link](#)

Web-Based Calculator | Front-End Developer

- Built an interactive calculator for basic arithmetic operations.
- Prioritized clean UI design and functional accuracy.
- Technologies: HTML, CSS, TypeScript, JavaScript
- GitHub: [Link](#)

SuperSaverPOS_VoidWalkers | Back-End Developer (Team of 4)

- Developed a command-line Java application for supermarket billing management.
- Implemented features for managing bills, applying discounts, generating invoices, and producing revenue reports.
- Technologies: Java, PDF generation libraries
- GitHub: [Link](#)

Instagram Clone | Full-Stack Developer

- Built a social media web application with features like posts, likes, comments, and user authentication.
- Focused on responsive design and database-driven dynamic content.
- Technologies: React, Java Spring Boot , MySQL
- GitHub: [Link](#)

PROJECTS

Employee Management System | Full-Stack Developer

- Created a system to manage employee data, attendance, payroll, and reports.
- Included CRUD operations and secure authentication.
- Technologies: React, Java Spring Boot, MySQL
- GitHub: [Link](#)

Rescue Team Coordination System | Full-Stack Developer

- Developed a system for managing rescue teams, tracking availability, and assigning tasks.
- Implemented role-based access for administrators and team members.
- Technologies: Java Spring Boot, React, MySQL
- GitHub: [Link](#)

To-Do CRUD App | Full-Stack Developer

- Developed a task management application with create, read, update, and delete functionalities.
- Implemented user authentication and responsive design.
- Technologies: React, Java Spring Boot, MySQL
- GitHub: [Link](#)

Expense Tracker (Android App) | Android Developer

- Built a mobile application for tracking personal expenses and generating reports.
- Focused on intuitive UI.
- Technologies: Flutter
- GitHub: [Link](#)