

RAVEENDRAN JATHUGULAN

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Full Stack Developer and Information and Communication Technology undergraduate at the **University of Vavuniya** with hands-on experience developing responsive, database-driven web applications using the **MERN Stack (MongoDB, Express.js, React.js, and Node.js)**. Skilled in JavaScript, TypeScript, RESTful APIs, database management, JWT authentication, CRUD operations, and responsive frontend development. Completed full-stack development internships and developed academic and personal projects involving secure authentication, role-based access control, admin dashboards, real-time notifications, and database-driven solutions. Seeking a **Full Stack Development Internship** to apply technical skills, contribute to real-world software projects, and continue growing as a professional software developer.

Education

Bachelor of Information and Communication Technology (Honours)

University of Vavuniya, Faculty of Technological Studies

2023 – Present

Vavuniya, Sri Lanka

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Java, Python, PHP, SQL

MERN Stack: MongoDB, Mongoose, Express.js, React.js, Node.js, Vite

Frontend: HTML5, CSS3, Tailwind CSS, Bootstrap, Redux Toolkit, Responsive Design

Backend and APIs: RESTful APIs, API Integration, CRUD Operations, Authentication

Databases: MongoDB Atlas, MySQL, SQL Server, Database Design

Security: JWT, bcrypt, User Authentication, Role-Based Access Control (RBAC)

Tools and Practices: Git, GitHub, VS Code, Postman, XAMPP, OOP, Debugging, Testing, Agile/Scrum

Experience

Full Stack Web Development Intern

Pantech.AI

Jan 2026 – Apr 2026

Online | 3-Month Internship

- Developed and integrated full-stack web application features across frontend, backend, database, and RESTful API layers.
- Implemented responsive interfaces, authentication, CRUD operations, database integration, API integration, debugging, and testing.

Full Stack Development Intern

NoviTech R&D Pvt Ltd

Apr 2026 – May 2026

Online | 1-Month Internship

- Developed responsive web application components and contributed to frontend, backend, and database integration in a collaborative environment.
- Worked with RESTful APIs, CRUD operations, database connectivity, debugging, testing, and responsive web development.

Projects

TeacherPayRoll ERP

- Developed a full-stack MERN ERP for teacher attendance, leave management, salary calculation, and payroll processing.
- Implemented role-based access control, leave approvals, salary slips, administrative reporting, and CRUD operations.
- Tech:** React 19, Vite, Node.js, Express.js, MongoDB Atlas, Mongoose, Tailwind CSS, JWT, Google OAuth 2.0

[GitHub](#)

Blood Donation Emergency Matcher

- Developed a platform to match emergency blood requests with compatible nearby donors for faster donor identification.
- Implemented donor, hospital, blood request, matching, and real-time notification management with location-based services.
- Tech:** MERN Stack, TypeScript, Tailwind CSS, JWT, Socket.IO, Leaflet, OpenStreetMap, Recharts

[GitHub](#)

Tholan Bookshop

- Developed a MERN bookstore platform for book discovery, online ordering, inventory, and customer management.
- Implemented AI-powered search, location-based delivery calculation, order management, and sales analytics.
- Tech:** MERN Stack, Vite, Redux Toolkit, Tailwind CSS, JWT, Leaflet, OpenStreetMap, Chart.js

[GitHub](#)

Alumni Management System

- Developed a web-based platform for centralized alumni profiles, communication, information sharing, and networking.
- Implemented profile management, CRUD operations, and REST API-based database management.
- Tech:** JavaScript, PHP, MySQL, HTML5, CSS3, Bootstrap, REST APIs, XAMPP

[GitHub](#)

Certifications

3-Month MasterClass in Full Stack Development – Pantech.AI

Jun 2026

Introduction to MERN Stack – Simplilearn

Dec 2025

Web Design for Beginners – University of Moratuwa

Mar 2026

Professional Certificate in DevOps – Udemy

Jan 2026

Artificial Intelligence – Pantech.AI

Feb 2026

I2OR Young Innovator Mindset Certification – International Institute of Organized Research (I2OR)

Jan 2026

Referees

Mr. V. Senthooran

Senior Lecturer (Gr I), Dept. of ICT
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Mr. V. Vinoharan

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