Navodya Manamendra

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Portfolio: https://manamendrajn.github.io/NavodyaPortfolio | GitHub: https://github.com/manamendraJN |
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About Me

Full-Stack Developer currently pursuing a BSc (Hons) in Information Technology at SLIIT, with hands-on experience in the MERN stack (MongoDB, Express.js, React.js, Node.js) and Spring Boot. Experienced in both front-end and back-end development, with a focus on building responsive, user-centered web applications. Familiar with Object-Oriented Programming and fundamental data structures, and currently exploring Artificial Intelligence and Machine Learning for integration into future projects. Committed to writing clean, maintainable code and staying up-to-date with modern development tools and best practices.

Technical Skills

Languages: JavaScript, TypeScript, Java, Python, PHP, C
Front-End: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Framer Motion
Back-End: Node.js, Express.js, Spring Boot, Socket.io
Databases: MongoDB, MySQL, SQLite
Tools: Git, GitHub, GitHub Actions, Postman, AWS (basic)
Security: JWT Authentication, OAuth 2.0, Role-based Access Control
Architecture: RESTful APIs, MVC, Microservices (basic)
Mobile: Android SDK, Kotlin
Design: Figma, Responsive Design, Accessibility Optimization
Concepts: OOP, Data Structures (Stacks, Queues, Arrays, Linked Lists)

Project Experience

- **Remote Work Collaboration System**

Team-based project management platform with live chat and a Smart Workload Balancer for automated task assignment.

Stack: MERN, Tailwind CSS, Socket.io, JWT.

GitHub: https://github.com/manamendraJN/Collab-Hub

- **SkillSphere – Skill Sharing Platform**

Interactive platform for learning and teaching skills with real-time Q&A and progress tracking.

Stack: Spring Boot, React, Tailwind CSS, JWT.

GitHub: https://github.com/manamendraJN/SkillSphere

- **Warehouse Management System**

An inventory tracking system with employee management, shift planning, and secure login using JWT.

Stack: MERN, Tailwind CSS, JWT.

GitHub: https://github.com/Shiranakther/Warehouse_Management_Syatem

- **Notes App (Mobile)**

Android app for personal note-taking with local storage support.

Stack: Kotlin, SQLite.

GitHub: https://github.com/manamendraJN/Notes_App_with_SQLite

- **Portfolio Website**

Designed and deployed a modern portfolio with a responsive layout and 3D elements.

Stack: React, TypeScript, Framer Motion, Tailwind CSS.

GitHub: https://github.com/manamendraJN/NavodyaPortfolio

- **MERN-Estate — Real Estate Application (Ongoing)**

Web app for property listings with search, filters, and secure login features.

Stack: MERN, Tailwind CSS, JWT.

GitHub: https://github.com/manamendraJN/mern-estate

Education

BSc (Hons) in Information Technology
Sri Lanka Institute of Information Technology (SLIIT), Oct 2022 – Present

Certifications

- AI/ML Engineer — SLIIT
- SQL (Basic) — HackerRank
- React (Basic) — HackerRank
- Java (Basic) — HackerRank
- JavaScript (Basic) — HackerRank

Languages

Sinhala: Native
English: Fluent

Personal Values

Creative Thinker | Detail-Oriented | Quick Learner | Innovation-Focused