Navodya Manamendra

Full-Stack Web Developer | React & Node.js Specialist | AI/ML Integration Enthusiast

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Online Profiles

Portfolio: https://manamendrajn.github.io/NavodyaPortfolio

GitHub: https://github.com/manamendraJN

LinkedIn: https://www.linkedin.com/in/navodya-manamendra-35a309248

Profile Summary

Resourceful Full-Stack Developer with hands-on experience in React.js, Node.js, Spring Boot, and cloud-based deployments. Skilled in building user-centric applications with secure authentication and responsive design. Passionate about developing innovative web solutions, integrating AI/ML components, and delivering clean, maintainable code. Proven ability to work independently and collaborate in remote teams. Currently pursuing a BSc in IT at SLIIT.

Technical Skills

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

Project Experience (Academic & Personal)

Remote Work Collaboration System – Personal Project

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

- Developed a web-based team collaboration tool with task and document management.
- Engineered Smart Workload Balancer to assign tasks based on workload and availability.
- Integrated JWT authentication and real-time messaging using Socket.io.

SkillSphere – Skill Sharing Platform – University Project

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

- Built a social learning platform with Q&A forums and mentorship features.
- Implemented OAuth 2.0 for secure login and access control.
- Enabled cross-skill matching between mentors and learners.

Warehouse Management System – University Project

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

- Developed inventory tracking system with low stock alerts.
- Integrated employee role management and secure login with JWT.

Notes App with SQLite (Android) – Mobile App Project

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

- Built a lightweight note-taking app using Kotlin and SQLite.
- Implemented offline data persistence and Material Design UI.

Portfolio Website – Personal Project

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

- Designed and deployed a modern portfolio with responsive layout and 3D elements.
- Used Tailwind CSS, React, and Framer Motion for animations.

MERN-Estate — Real Estate Platform (Ongoing) – Personal Project

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

- Building a real estate platform with advanced filtering and map integration.
- Securing user sessions using JWT and role-based access.

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 & Soft Skills

- Creative problem-solver with strong attention to detail
- Adaptable and quick to learn new technologies
- Collaborative team player with leadership potential
- Strong communication and project management mindset