

Sumeera Madushanka Rathnayaka

Full Stack Developer

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PROFESSIONAL SUMMARY

Frontend-focused Software Engineer with 4+ years of experience building scalable, production-ready web applications using React, TypeScript, Next.js, and Redux Toolkit. Experienced in frontend architecture, reusable component development, REST API integration, performance optimization, and real-time dashboards. Skilled in collaborating with cross-functional teams, conducting code reviews, and delivering maintainable enterprise software solutions.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), TypeScript, React, Next.js, Redux Toolkit, Tailwind CSS, Bootstrap, shadcn/ui, HTML5, CSS3, Sass, Material UI, Ant Design, Vite
Backend & APIs: Node.js, REST APIs, Nest.js
Mobile & Desktop: Flutter, Android, Tauri, Rust
Database: PostgreSQL, MongoDB, Firebase, MySQL
DevOps & Tools: Git, Docker, GitHub Actions, CI/CD, Vercel, Jira, Figma, Postman, Trello

PROFESSIONAL EXPERIENCE

Software Engineer | Syntax Genie (Pvt) Ltd | Homagama, Sri Lanka | June 2024–Present

- Lead frontend development for enterprise applications, designing scalable architectures, reusable UI components, and complex production workflows.
- Contribute to technical planning and architecture decisions, translating business requirements into scalable frontend solutions.
- Integrated REST APIs and built real-time monitoring dashboards while optimizing frontend performance and usability.
- Review code, mentor junior developers, and establish frontend best practices with backend, UX, and product teams.

Associate Software Engineer | Syntax Genie (Pvt) Ltd | Homagama, Sri Lanka | February 2023 - June 2024

- Integrated PayHere payment services and third-party REST APIs to support reliable application workflows.
- Partnered with UX and cross-functional teams to design and deliver production features through Agile development.
- Developed reusable and responsive UI components while implementing features based on UX designs and business requirements.

Trainee Software Engineer | Syntax Genie (Pvt) Ltd | Homagama, Sri Lanka | July 2022 - February 2023

- Developed, tested, and debugged web features using version control, Agile workflows, and collaborative development practices.
- Collaborated with senior engineers to implement UI features, resolve defects, and improve application quality through code reviews and feedback.

EDUCATION

B.Sc. (Hons) in Information Technology Specializing in Information Technology

Sri Lanka Institute of Information Technology | 2020–2023

G.C.E. Advanced Level Examination

S.B. Herath National School | Stream: Mathematics (2Cs, 1S) | 2016 - 2018

KEY PROJECTS

- **Oversight EMS** : Built an AI-driven energy management platform with real-time monitoring, analytics, and optimization insights; won National and Western Province SLASSCOM Ingenuity Awards 2024.
- **Thermal Transformer Diagnostics & Maintenance Platform** : Built a transformer-monitoring platform for thermal analysis, asset health tracking, role-based access, inspection workflows, thermal image comparison, and automated reporting.
- **Remote Monitoring Platform** : Built a live solar-monitoring platform for site performance, inverter data, alerts, operational analytics, and interactive dashboards.
- **SkyLeger – Drone Information Management System**: Built a high-performance cross-platform desktop application for drone lifecycle management, maintenance tracking, ownership transfers, and audit trails with offline-first operation.