

DULANA WANIGATHUNGA

FULLSTACK DEVELOPER

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PROFILE

Fullstack Developer with 2+ years of experience developing scalable web applications using React, Next.js, TypeScript, Node.js, and NestJS. Experienced in building production-grade SaaS applications, developing reusable component architectures, optimizing frontend performance, and designing secure REST APIs. Passionate about building maintainable, high-quality software while expanding expertise across the full-stack ecosystem.

SKILLS

Languages: JavaScript (ES6+) | TypeScript | HTML5 | CSS3

Backend & APIs: Node.js | NestJS | Express.js | REST APIs | Prisma ORM

Databases: PostgreSQL | MySQL | MongoDB

Frontend: React.js | Next.js | Redux Toolkit | Context API | React Hook Form | Zod | Material UI | Tailwind CSS | SCSS | Responsive Design

AI, Integrations & Tools: Vapi (Voice AI) | Stripe | Clerk | TanStack Query | Git | GitHub

PROFESSIONAL EXPERIENCE

Associate Software Engineer

Dec 2024 – Present

Ecologital (Pvt) Ltd | Remote, Sri Lanka

- Integrated RESTful APIs and managed application state with Redux Toolkit, collaborating with designers and backend engineers to translate wireframes into production-ready code.
- Optimized a large organization-management dashboard, eliminating unnecessary React re-renders through lazy loading, code splitting, and memoization to improve rendering performance across browsers and devices.
- Built a responsive restaurant-management UI from scratch, supporting both single-location and multi-branch chain restaurants, using reusable modular React components in place of third-party libraries.

React | Redux Toolkit | TypeScript | REST APIs | SCSS | CSS3

Software Engineer Intern

Oct 2023 – Apr 2024

Mitra Innovation

- Developed a production feature for Persona RMS, an enterprise workforce-management system used for employee activity tracking and reporting.
- Collaborated within an Agile team through sprint planning, feature development, and iterative releases.

React | Material UI | Redux Toolkit

Software Engineer Trainee

Aug 2022 – Feb 2023

S OUT Solution

- Built a full-stack charity-management platform connecting donors and orphanages using React, Spring Boot, and MySQL.
- Developed REST APIs and integrated frontend components with backend services.

React | Spring Boot | MySQL

PROJECTS

BookWise AI — Full-Stack SaaS Booking Platform [Live](#) · [Frontend-repo](#) · [Backend-repo](#)

- Designed and built a production-ready multi-tenant SaaS booking platform for service businesses using Next.js, NestJS, PostgreSQL, and Prisma.
- Implemented secure tenant isolation, role-based access control (RBAC), and Clerk authentication with server-side organization enforcement.
- Integrated Stripe subscriptions with real-time plan enforcement, usage limits, customer billing, and signature-verified webhook processing.
- Built an AI voice-booking workflow using Vapi, enabling customers to create real bookings through natural phone conversations.
- Built the frontend with Next.js and TypeScript — reusable components, form handling, and efficient client/server state with TanStack Query.

Next.js | NestJS | TypeScript | PostgreSQL | Prisma ORM | Clerk | Stripe | Vapi | TanStack Query

DHive Blog — MERN Blogging Platform [Live](#) · [Frontend-repo](#) · [Backend-repo](#)

- Developed REST APIs with Node.js, Express.js, and MongoDB, secured with JWT authentication and Google OAuth.
- Built responsive React interfaces for content creation and management.

React | Node.js | Express.js | MongoDB

EDUCATION

BSc (Hons) Software Engineering — Cardiff Metropolitan University, UK | First Class Honours

May 2024 – May 2025

HND in Information Technology — SLIATE | GPA 3.92 / 4.0

May 2019 – Apr 2022