Naflan M.N.M

Software Engineer | Full-Stack Web Developer | Mobile App Developer

kekirawe, Sri lanka +94 766703616 naflanm084@gmail.com Naflan-Portfolio Naflan-M.N.M
Naflan M.N.M

Summary

Software Developer with 3+ years of hands-on experience in frontend, full-stack, and mobile app development. Specialized in the MERN stack and cross-platform mobile technologies like React Native and Flutter. Proven ability to deliver scalable web platforms and AI-powered applications using GPT-3.5, RAG architecture, and RESTful APIs. Successfully built systems such as an enterprise seat reservation tool, an e-commerce platform, and an AI travel planner. Strong foundation in React, Node.js, MongoDB, and UI/UX best practices. Seeking full-time opportunities—local or remote—where I can contribute to innovative, user-centered software products.

Experience

Freelancing   March 2022 - June 2024
Frontend Developer   Remote

Independently delivered 10+ client and portfolio projects, including full-featured websites and mobile apps, by managing complete lifecycles from requirements gathering to deployment. Specialized in React.js, React Native, and Flutter to build responsive, user-centered solutions that enhanced usability, performance, and client satisfaction.

Key Achievements:

- Delivered 10+ portfolio websites across industries, improving user accessibility and SEO responsiveness by following best frontend practices
- Developed a Blood Donation app (React Native) used to simulate user flows for request, registration, and donation — reducing navigation steps by 40%
- Created a GPA Calculator app (Flutter) that automated semester and CGPA computation, used by 200+ students during testing
- Built a Hotel Management System and a To-Do App with full CRUD operations, streamlining task workflows for demo users
- Performed cross-browser testing and Figma-based prototyping, reducing UI bugs by 30% before launch

SLT Mobitel PVT LTD   August 2024 - February 2025
Full Stack Developer (Intern)   Colombo, Srilnaka

Led frontend for Seat Reservation System and contributed to Debt Recovery System using the MERN stack in an Agile setting.

- Built 20+ responsive pages and an admin dashboard with advanced seat and attendance management
- Implemented Google OAuth, QR check-ins, and PDF/CSV export, reducing booking errors to 0%
- Developed 8+ components for DRC module; resolved 15+ merge conflicts in team workflows
- Improved admin efficiency and code maintainability across internal systems

Freelancing & Research Project   January 2025 - Present
Senior Full Stack Developer   Remote

Led AI and e-commerce projects (CEYWAY & Gexmoo) with a focus on scalable architecture, secure APIs, and high-performance UIs.

CEYWAY – AI Travel App:

- Built 20+ mobile UI screens; integrated GPT-3.5-turbo via LangChain & RAG, achieving 90%+ response accuracy
- Streamlined itinerary generation, preference flows, and map-based input using React Native & Context API

Gexmoo – E-Commerce Platform:

- Developed secure MERN stack platform with JWT auth, image uploads (Multer + Cloudinary), and product CRUD
- Achieved fast, responsive UI with Vite + Tailwind; improved page load speed and code modularity

Certifications

React JS Tutorial   **Introduction to Artificial Intelligence**
Platform: Great Learning.   Google Cloud

React Components, JSX, State and Props, Routing, and Hooks   Basics of AI, applications, and ethical considerations

Education

University of Sri Jayewardenepura   May 2021 - June 2025
BICT Hons Special In Software Engineering   Physical
GPA: 3.47

Completed a four-year honors degree program with specialization in Software Technology. Gained a strong foundation in software engineering, mobile app development, web technologies, algorithms, and database management. Coursework emphasized practical projects, Agile practices, and the use of modern frameworks and tools across the software development lifecycle.

Key Courses:

Machine Learning, Web App Development, Mobile-first design, Software Engineering, Database Management Systems, Mobile Application Development, Software Quality Assurance, Object-Oriented Programming, HCI, Advanced Data Structures and Algorithms, Software Development Life Cycle (SDLC)

Projects

Seat Reservation System (SRS)

Built a full-stack web app using React.js, Express.js, and MongoDB to manage seat bookings in an organization. Implemented features like Google OAuth, QR code check-ins, booking history, and admin dashboards. Included PDF/CSV report exports and secure backend sessions with Nodemailer for notifications.

DeptX – Debt Recovery System

Contributed to SLT Mobitel's internal system using React.js and Tailwind CSS. Developed 8+ reusable components for the DRC and Incident Detail sections, integrating REST APIs and delivering scalable, responsive layouts for operational transparency and case tracking.

Gexmoo – E-Commerce Web App

Created a MERN-stack e-commerce platform with user authentication (JWT, bcrypt), image uploads (Multer, Cloudinary), and secure API integration. Used React, Vite, and Tailwind CSS on the frontend, and Node.js with MongoDB for the backend. Ensured modular, scalable structure with real-time feedback via React Toastify.

CEYWAY – AI-Powered Travel Planning App

Developed a mobile app using React Native and Spring Boot that generates multi-day travel itineraries in Sri Lanka using GPT-3.5-turbo and RAG architecture. Integrated OpenStreetMap, Context API, and location-based preferences. Contributed to AI prompt engineering, vector store retrieval, and user-friendly flows with Expo and Figma.

Skills

Programming Languages:	Front-End Technologies:	Back-End Technologies:	Databases:	AI / LLM Tools:
C, PHP, Java, C#, JavaScript, TypeScript, Python	React.js, React Native, HTML5, CSS3, SASS, Tailwind CSS, Bootstrap, Material UI, Framer Motion, React Navigation, jQuery, Vite, AJAX, GraphQL	Node.js, Express.js, Spring Boot, RESTful APIs, JWT, Passport.js, Bcrypt.js, Nodemailer, Multer, dotenv, CORS	MongoDB, MySQL, PostgreSQL, SQL	GPT-3.5-turbo, LangChain, RAG Architecture, Prompt Engineering, internal models, LLM integrations

APIs & Cloud Services:	Tools & Platforms:	Testing & Deployment:	UI/UX Design:	Soft Skills:
Google Maps API, OpenStreetMap Nominatim API, Cloudinary, EmailJS, QR Code Generation, AWS, Firebase	Git, GitHub, Bitbucket, VS Code, Visual Studio, IntelliJ IDEA, NetBeans, Eclipse, Postman, Selenium, Expo, Android Studio, Excel, CI/CD, Xcode	Unit Testing, Integration Testing, Alpha/Beta Testing, Cross-Browser Testing, Responsive Design, Git Workflows, Debugging	Figma, Canva, UI Prototyping	Team Collaboration, Time Management, Problem Solving, Communication, Adaptability, Fast Learner, Growth-Oriented, Customer-centricity, Analytical Thinking

Languages

English   **Tamil**   **Sinhala**
Professional Proficiency   Native Proficiency   Professional Proficiency
●●●●○   ●●●●●   ●●●●○

References

Mr. Chamila Karunatilake   **Mrs. E. A. Jayamuthu Sandamali Edirisinghe**

Lecturer, Department of ICT, Faculty of Technology University of Sri Jayewardenepura

Lecturer, Department of ICT, Faculty of Technology University of Sri Jayewardenepura

M: +94 76 460 8026   M: +94 71 569 4961

E: chamilakarunatilake@sjp.ac.   E: jayamuthu@sjp.ac.lk