

Karmilan Mahendrarasa

SOFTWARE ENGINEER

Colombo, Sri Lanka | +94 77 2392866 | delftkarmilan@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Objective

Software Engineer with 3+ years of industrial experience in full-stack development using React, Node.js, and AWS. Skilled in building scalable applications and intuitive user interfaces with a strong focus on clean code and performance.

Technical Skills

Front-End: HTML , CSS , Javascript , Typescript , React , Next.js , MUI , Tailwind CSS , Bootstrap

Back-End: Node.js , Express , Python , FastAPI , REST APIs , GraphQL

Mobile Development: React Native

Databases: MongoDB , DynamoDB

Cloud & DevOps: AWS (Lambda, S3, DynamoDB, AppSync)

UI/UX Tools: Figma , Adobe XD

Experience

Ceylon Dazzling Dev Holding(Pvt) Ltd | Frontend Developer

Sep 2025 - Present | Colombo, Sri Lanka

- Developed front-end features for "Physician", a healthcare web application.
- Built UI components and workflows using Next.js, ensuring responsive and accessible design.
- Integrated a doctor chatbot feature to assist users with medical queries, basic diagnosis support, and automated summaries.
- Integrated the frontend with backend APIs for conversations, and medical summary data.

Self-Employed | Freelance Software Engineer

Nov 2024 - Aug 2025 | Colombo, Sri Lanka

- Designed and developed Shop Master App, a multi-shop retail management system for a real client.
- Built modules for shop management, daily sales tracking, expense management, dealer credit & loan management, and user roles.
- Developed RESTful APIs using Node.js, Express, and MongoDB, enforcing business rules such as credit limits per customer.
- Implemented modern, scalable frontend using React (Vite) and Material UI.

eBuilder Technology Center | Associate Software Engineer

Nov 2023 - Oct 2024 | Colombo, Sri Lanka

- Led full-stack development for the CAAS Project, using React, Node.js, and AWS (Lambda, S3, DynamoDB).
- Designed and deployed serverless applications, reducing hosting costs by 40%.
- Conducted code reviews and mentored interns, improving team onboarding and productivity.
- Translated Adobe XD designs into fully responsive interfaces.

eBuilder Technology Center | Apprentice Software Engineer

Sep 2022 - Aug 2023 | Colombo, Sri Lanka

- Developed front-end components in React, integrated back-end APIs using Node.js.
- Implemented serverless functions with AWS, including Lambda and DynamoDB.
- Collaborated with UI/UX designers using Figma and Adobe XD to refine product workflows.

HCL Technologies Lanka | Software Engineer

Sep 2021 - Aug 2022 | Colombo, Sri Lanka

- Supported back-end development for the BOEING Project, focusing on SAP ABAP enhancements.
- Improved application performance by optimizing legacy SAP modules.
- Documented system changes and participated in technical design discussions.

Projects

BOOKLY | [View Project](#)

Python, FastAPI, Next.js, MySQL

A fully functional full-stack application that allows users to sign up, log in, and manage a personal book collection. The app features secure authentication, CRUD operations, and built with Next.js.

PORTFOLIO WEBSITE | [View Project](#)

Next.js, TypeScript

Built a personal portfolio showcasing my projects and skills, using Next.js for the front end and hosted in Vercel.

TODO APP (FULL-STACK) | [View Project](#)

React, Node.js, DynamoDB, AWS

Created a full-stack application for task management, featuring a user-friendly interface with React, serverless functions on AWS Lambda, and DynamoDB for database management.

HOTEL BOOKING APP | [View Project](#)

React, Bootstrap

Designed and implemented a web application to streamline hotel reservations, utilizing AWS amplify for hosting.

Education

London Metropolitan University (Feb 2020 - Jan 2021)

Bachelor of Engineering in Software Engineering

Graduated with First Class Honours

Esoft Metro Campus (Aug 2017 - Dec 2019)

Higher National Diploma in Computing and System Development

Specialized in Software Development

Certification

AWS Cloud Quest: Cloud Practitioner

Diploma in Video Production and Multimedia | DMI

Certificate of Appreciation: Growth Hacking 101 | WSO2

Participated in Web Development and E-Commerce Program | Esoft Metro Campus

Reference

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