

Karmilan Mahendrarasa

SOFTWARE ENGINEER

Colombo, Sri Lanka | +94772392866 | delftkarmilan@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

London Metropolitan University

BEng in Software Engineering
Graduated with First Class Honours
Feb 2020 - Jan 2021

Esoft Metro Campus

HND in Computing and System Development
Specialized in Software Development | Aug 2017 - Dec 2019

SKILLS

PROGRAMMING

Front-End:

HTML • CSS • React Javascript
Typescript • 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

CERTIFICATION

AWS Cloud Quest: Cloud Practitioner
Diploma in Video Production and Multimedia : DMI
Growth Hacking 101 : WSO2
Web Development and E-Commerce Program : Esoft

REFERENCE

Mrs. Hiranya Mudunkotuwa

Senior Technical Lead
eBuilder (Pvt) Ltd
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Mr. Infiyas Anis

Program Manager
eBuilder (Pvt) Ltd
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SUMMARY

Software Engineer with 3+ years of 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.

EXPERIENCE

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

SHOP MANAGEMENT SYSTEM | [View Project](#)

MongoDB, Express, Node.js, React (MERN)

A full-stack application to manage inventory, sales, and customer relationships, integrating MongoDB as the database and React for the front end.

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.