Pramodya Samarakoon

Software Engineer

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in linkedin.com/in/pramodyasamarakoon 🐙 github.com/pramodyasamarakoon 🔗 Portfolio

Profile

Dedicated and results-driven Software Engineer with 2+ years of experience in full-stack development. Proficient in modern technologies including React.js, .NET Core, Spring Boot, Flutter, and React Native. Experienced with databases such as MySQL and MongoDB, and skilled in utilizing frameworks like Tailwind CSS and Material UI. Adept at building scalable applications, designing responsive user interfaces, and implementing efficient backend services. Proficient in using tools like Figma, Postman, and Adobe XD for design and testing. Passionate about delivering high-quality software solutions while ensuring efficiency, security, and innovation in development processes.

Professional Experience

04/2024 – present

Associate Software Engineer
FourthSyte International Pvt. Ltd
Working as a Full-Stack Developer
Responsibilities - Team handling, project coordination, basic architectural designing, web and mobile app development, main component creation, bug fixing, requirement gathering, wireframe creation, and UI/UX designing.
Technical Stack - React JS, React Native, Flutter, .NET Core and Node.js

09/2022 – 03/2023

Intern Software Engineer
Loons Lab
Worked as a React Front-end Developer
Responsibilities - Feature implementations, Component development, Bug fixing, Requirement Gathering, Manual tesing and UI Designing.
Technical Stack - React JS, Material UI, JSReport

Projects

2025

Boarding Expenses Tracking App
A mobile app capable of tracking and calculating all expenses and incomes for boarding places, providing separate tracking for each individual in the boarding.
Technical Stack - Flutter, Express, Mongo DB

2024

Web-based System for Kelani STEAM
A web-based system which is capable of managing the entire process of the Media Unit, Faculty of Science.
Technical Stack - React JS, Material UI, Tailwind CSS, Spring boot, .Net Core, MongoDB

2024

Lab Solution App
A mobile app designed for small laboratories to patient registration, booking tests, report entering and notifying patients.
Technical Stack - Flutter

2024

Frontend for a Distributed System
A React JS frontend for a distributed system.
Technical Stack - React JS, Material UI, Tailwind CSS

2023	**e-channelling and order medicine System**
	Final Individual Project
	Developed a web-based system for a medical center that included e-channeling, online medical appointments, laboratory report management and a medical ordering system.
	Technical Stack - React JS, Material UI, Tailwind CSS, Spring boot, MongoDB
2020	**Hospital Management System**
	Group Project
	A desktop application capable of managing a typical Hospital's entire process.
	Technical Stack - Java, MySQL

Technical Skills

Languages
Java
HTML
CSS

Databases
MySQL
MongoDB

Frameworks
Spring Boot
Flutter
React Native
.Net Core
Tailwind CSS

Design and Testing Tools
Figma
Postman
Adobe XD

Libraries
React JS
Material UI

Education

03/2020 – 01/2024	**B.Sc (Hons) in Management and Information Technology**
	Department of Industrial Management, University of Kelaniya
	GPA : 3.1 out of 4.0 with a Second Lower Class

Publications

2024	**Analyzing the Learning Effectiveness of Generative AI for Software Development for Undergraduates in Sri Lanka**
	Conference Paper
	International Research Conference on Smart Computing and Systems Engineering (SCSE)

Extra Curricular Activities

2023 – 2024	**Committee Member**
	Industrial Management Science Students' Association, Faculty of Science, University of Kelaniya
2022 – 2023	**Director**
	Kelani-STEAM, Media Unit, Faculty of Science, University of Kelaniya
2021 – 2022	**Main Coordinator**
	Kelani-STEAM, Media Unit, Faculty of Science, University of Kelaniya
2021 – 2022	**Co-editor**
	Buddhist Students Association, University of Kelaniya

References

Prof. Annista Wijenayake, *Senior Lecturer,* Department of Industrial Management, University of Kelaniya
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Mr. Buddhika Jayawardhana, *Lecturer,* Department of Industrial Management, University of Kelaniya
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