

Pramodya Samarakoon

Software Engineer

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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

02/2024 – present	Associate Software Engineer <i>FourthSyte International Pvt. Ltd</i> 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 <i>Loons Lab</i> Worked as a React Front-end Developer Responsibilities - Feature implementations, Component development, Bug fixing, Requirement Gathering, Manual testing 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	Frameworks Spring Boot Flutter React Native .Net Core Tailwind CSS	Libraries React JS Material UI
Databases MySQL MongoDB	Design and Testing Tools Figma Postman Adobe XD	

Education

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

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

References

Prof. Annista Wijenayake , Senior Lecturer, Department of Industrial Management, University of Kelaniya anni@kln.ac.lk, +9471 974 2127
Mr. Buddhika Jayawardhana , Lecturer, Department of Industrial Management, University of Kelaniya buddhikaj@kln.ac.lk, +9477 229 4698