

Ashani Tharukshi

Software Engineer - Intern



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AshaniTH

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Colombo, Sri Lanka

Portfolio

Profile

Motivated and passionate software engineering enthusiast with practical experience in web development. Skilled in designing and implementing responsive, user-friendly interfaces and delivering clean, efficient code solutions. A quick learner with strong problem-solving abilities and a commitment to continuous improvement. Excels in collaborative team environments and adapts effectively to new technologies. Currently seeking an internship in Software Engineering or Front-End Development to contribute to innovative and impactful web solutions.

Education

BSc. (Hons) in Computing & Information Systems

Sabaragamuwa University of Sri Lanka

2023 – Present

G.C.E Advanced Level - Physical Science Stream

C.W.W Kannangara Central College Mathugama

2018 – 2021

Projects

DocLink (Individual)

Online Doctor Appointment Management System

Developed a full-stack web application that enables patients to book doctor appointments online and allows doctors to manage schedules and consultations efficiently. The system includes role-based authentication, appointment tracking, and an intuitive user interface for seamless interaction.

- Technologies : React, Node.js, Express.js, MongoDB, Postman

Spender (Individual/Ongoing)

Expense tracker application

Developed a full-stack web application that allows users to record, manage, and monitor their daily expenses efficiently. The system provides real-time expense tracking, category-based summaries, and interactive dashboards for better financial insights. Implemented seamless data handling with Drizzle ORM.

- Technologies: Next.js, React, Tailwind CSS, Shadcn, Drizzle ORM, Clerk, PostgreSQL

VetAssist (Group)

AI enhanced pet care support mobile application

Built a mobile app to help pet owners register pets, track vaccinations, get diet recommendations, access emergency care guidance, and locate nearby veterinary clinics.

Also includes an AI-powered chat bot for instant pet care advice and push notifications for reminders.

- My Contribution :Collaborated with a small team to design and implement user registration & pet profile modules, integrated Firebase services
- Technologies: Flutter (Dart), Firebase, Google Map API, Gemini API

bookStore (Individual)

Book Store Management System with POS System

Developed a web-based application to manage bookstore operations including inventory management, customer records, and sales processing. Features include book add/update/delete, search functionality, user management (admin & cashier), and a point-of-sale interface with receipt handling.

- Technologies : HTML, CSS, JavaScript, PHP, MySQL

MediTrack_SUSL (Group) ↗

A digital healthcare management system designed to streamline university medical center operations.

Developed a system to modernize the operations of the Medical Center at Sabaragamuwa University of Sri Lanka including digital prescription management, medicine stock & expiry monitoring, and streamlining staff workflows to reduce paperwork and increase service efficiency.

- My Contribution : Contributed to the front-end development of the system, focusing on designing and implementing responsive user forms for patient data entry and appointment management, ensuring smooth user interaction and validation integration with the Laravel back-end.
- Technologies : Laravel 8, PHP 7, Docker, Bootstrap

Technical Skills

Languages

HTML, CSS, JavaScript, PHP, C, Java

Databases

MongoDB, MySQL, Firebase Firestore

Frameworks & Libraries

React, Next.js Node.js, Express.js, Tailwind CSS, Flutter, Laravel, Bootstrap

Tools & Platforms

Git/GitHub, Firebase, VS Code, Figma, Postman

Soft Skills

Teamwork & Collaboration | Problem-Solving | Leadership | Self-Learning & Adaptability | Communication | Time Management

Certificates

Python Programming ↗

University of Moratuwa

Web Design for Beginners ↗

University of Moratuwa

Introduction to Flutter ↗

Simplilearn

JavaScript Programming Essentials ↗

Coursera

Developing Front-End Apps with React ↗

Coursera

Agile Requirement Foundation ↗

LinkedIn

Achievements

Semi Finalist at Designton Pearlhack V3.O ↗

Organized by the IEEE WIE Student Branch Affinity Group of SUSL

Extra Curricular Activities

Active Member IEEE Student Student Branch

Sabaragamuwa University of Sri Lanka

Active Member Society of Computer Science (SOCS)

Sabaragamuwa University of Sri Lanka

References

Mrs. Kumudu Wijerathna, Lecturer (Probationary),

Department of Computing & Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka
kwijerathna@foc.sab.ac.lk, +94 74 335 7835

Supun Senevirathna, Senior Software Engineer,

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