

Manuja Pabodhana

Software Engineering Intern

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📱 Manujapabodhana

👤 PROFILE

Highly skilled Full Stack Developer experienced in building modern, high-performance web applications using Java, JavaScript, Node.js, and PHP with frameworks such as React.js, Express.js, and Laravel. Proficient in MongoDB and MySQL, with strong expertise in both front-end and back-end development. Dedicated to creating efficient, scalable, and user-focused digital solutions with a passion for continuous learning and innovative problem-solving.

🎓 EDUCATION

BSc. Honours Degree in Computing & Information Systems (Undergraduate) 2023–Present
Sabaragamuwa University of Sri Lanka

G.C.E Advanced Level - Physical Science Stream (B B C) 2021
H/Ruhunu Vijayaba Collage

📁 PROJECTS

Food-del (Individual) 🔗

Food Delivery System

This project involved designing and implementing a Food Delivery Web Application using MongoDB, Express.js, React.js, and Node.js. The system supports menu browsing, secure PayHere payments, and real-time order tracking. An admin interface allows easy management of orders, deliveries, and food items. The project demonstrates proficiency in web development, database management, and UI/UX principles.

Technologies Used-MERN stack (MongoDB, Express.js, React.js, Node.js)

Expense-tracker (Individual) (Ongoing) 🔗

Expense manager systems

Developed a personal Expense Management Application that enables users to efficiently manage their income and expenses. The system allows users to add, edit, and categorize their financial records while providing detailed visual analysis through interactive charts. Users can track spending patterns and income distribution across different categories, helping them make informed financial decisions. This project highlights strong skills in data visualization, CRUD operations, and user-centric interface design.

Technologies Used-MERN stack(MongoDB,Express.js,React.js,Node.js)

SabraMusic (Group) 🔗

Art Center booking Web application

The Art Center Booking System is a web app for Sabaragamuwa University that lets students book practice slots online, check availability, and upload approval letters to avoid conflicts or missing records

Technologies Used-HTML,CSS,Laravel blade,PHP,Laravel,MySQL

Community Project (Group) (Ongoing) 🔗

Vehicle Valuation and Analytics Management System

Architected a comprehensive web platform for Rawan Auto Care to streamline daily operations through automated transaction logging, service performance tracking, and detailed vehicle valuation reporting.

Technologies Used-MERN Stack, Chart.js, Material-UI

SecuVision (Group Project) 🔗

AI-Powered Shoplifting Detection System

Automated retail security through an AI surveillance platform leveraging YOLO-based shoplifting detection, PyTorch/OpenCV for live video processing, Twilio notifications, and an interactive React.js dashboard for event management.

Technologies Used: Python, PyTorch, YOLO, OpenCV, React.js, Firebase, Twilio API

TECHNICAL SKILLS

Programming languages

Java, JavaScript, PHP, C, HTML, CSS

Framework and libraries

Node.js, Express.js, React.js, Laravel, React Native

Databases

MongoDB, MySQL

Technologies and Tools

Git, GitHub, Figma, VS Code, Postman

SOFT SKILLS

- Teamworking
- Communication Skills
- Leadership
- Time Management
- Problem-Solving

CERTIFICATES

Introduction to Mern Stack

Simplilearn

Full Stack Development

Simplilearn

Postman api fundamentals student expert

Postman academy

AI for the beginners

HP LIFE

Career Essentials in GitHub Professional Certificate

LinkedIn

VOLUNTEERING & EXTRACURRICULAR ACTIVITIES

Semi-finals of the Cre8X UI/UX

Semifinals of the Cre8X UI/UX — General Sir John Kotelawala Defence University 2024

Semi-finalists -HackX 2023

University of Kelaniya

Computing Undergraduate Research Symposium - 2025

I had a great experience volunteering at ComURS 2025 organized by the Faculty of Computing Sabaragamuwa University of Sri Lanka.

Active Member of SOCS

(Society of Computer Science)

REFERENCES

Prof.BTGS Kumara, Professor in Computer Science,,

Faculty of Computing, Sabaragamuwa University of Sri Lanka.

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Chamod Lakmal, Associate Tech Lead, Digital Mobility Solutions Lanka PLC (PickMe)

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