Sadhani Sulakshani
Software Engineer - Intern

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in Sadhani Sulakshani   ◯ Sadhani721   🔗 Portfolio

PROFILE

Motivated and results-driven IT professional with hands-on experience in software development, web technologies, networking, and database management. Strong commitment to continuous learning and adapting to emerging technologies to deliver efficient and innovative solutions. Currently seeking an internship in Software Engineering or Front-End Development to contribute technical expertise, support real-world projects, and grow within a dynamic and forward-thinking environment.

EDUCATION

BSc. (Hons) in Computing and Information Systems   2023 – Present
Sabaragamuwa University of Sri Lanka
Current GPA: 3.42

G. C. E Advanced Level - Physical Science Stream   2021
Mahanama Central College

PROFESSIONAL EXPERIENCE

Trainee (Internship), People's Bank, Monaragala Branch   2022 Mar – 2022 Sep
Assisted customers with banking app issues and supported the management and maintenance of the application. Gained experience in problem-solving, communication, and providing quality customer service.

PROJECTS

MediTrack - Medical Center Management System(Group) 🔗
- Developed a Laravel-based medical management system with a dynamic dashboard, real-time MySQL data, and custom Bootstrap UI styled using SASS and Webpack. Added global PDF receipt generation and improved dashboard analytics for prescriptions, drugs, and users.
- Technologies - Laravel, Bootstrap, MySQL, SASS
- Contribution - Frontend development focusing on responsive UI design and improved user experience.

Construction Website (Individual) 🔗
- Developed a responsive website for a construction company to showcase projects and services. The system allows users to view details, contact the company, and explore completed works. It enhances client engagement through an interactive and user-friendly web interface.
- Technologies - React, Bootstrap, Laravel, MySQL

Needalyze - Digital Insurance Need Analysis System (Group | Ongoing) 🔗
- Built a web application to digitalize the SLIC Need Analysis process for insurance advisors and clients.Advisors can manage customer data, generate personalized reports, and track submissions effectively. Features include multilingual forms, automated calculations, and analytics for performance insights.
- Technologies - Next.js, Tailwind CSS, ShadcnUI, Supabase, Zod, React Hook Form
- Contribution - Frontend development, implemented PDF features, integrated authentication (Form pages)

i-Computers E-Commerce Platform (individual | Ongoing) 🔗
- Developed a full-featured computer electronics store with dual interfaces for customers and administrators. Implemented secure user authentication, product browsing with multiple images, and a complete order management system. Built a moderated review system and real-time order tracking to enhance user experience.
- Technologies - MongoDB, Express.js, React, Node.js

StockGuard – IoT-based Inventory System (Group) ✐
- Designed a smart inventory management system to monitor stock levels in real time and prevent shortages. The system sends automated low-stock alerts and enables remote tracking through a web dashboard. It integrates IoT sensors for accurate detection and efficient warehouse management.
- Technologies - Firebase, Arduino, PHP, HTML, CSS
- Contribution - IoT sensor integration, Firebase connectivity, and dashboard interface development.

CERTIFICATES

- Front-End Web Development- University of Moratuwa ✐
- Web Design for Beginners - University of Moratuwa ✐
- CCNA Foundations – Networking Basics and Cisco IOS Essential - Coursera ✐
- Introduction to IoT and Digital Transformation - Cisco ✐
- Python Developer - Sololearn ✐
- Postman Essentials - KodeKloud ✐
- Postman API Fundamentals Student Expert ✐

TECHNICAL SKILLS

- Programming - JavaScript, HTML, CSS, Python, PHP, Java
- Frameworks & Libraries -React.js, Node.js(Learning), Express.js(Learning), Bootstrap, Laravel, Next.js
- Databases - MySQL, MongoDB(Learning)
- Tools & Development Tools - GitHub, VS Code, Figma, Postman (API Testing), Tailwind CSS, Microsoft Suite (Excel, Word)
- Network Configuration

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Communication Skills
- Time management
- Self Learning
- Teamwork & Collaboration
- Leadership Skills

VOLUNTEERING EXPERIENCE

SOCS TechTalk V1.0
Supported event coordination and team collaboration for a tech-focused knowledge-sharing event organized by the Faculty of Computing, SUSL.

ACHIEVEMENTS

Semi Finalist at HackX 8.0
Organized by the Industrial Management Science Students' Association of the Department of Industrial Management, University of Kelaniya

Semi Finalist at Designathon PearlHack V3.0
Organized by the IEEE WIE Student Branch Affinity Group of SUSL

REFERENCES

Prof. B. T. G. S. Kumara,
Professor in Computer Science, Faculty of Computing, Sabaragamuwa University of Sri Lanka.
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Mr. Janitha Madushan,
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