

Kasun Lakshitha

Colombo, Sri Lanka • 0766418699 • kasunlakshitha998@gmail.com •
linkedin.com/in/kasun-lakshitha-53a9472a6 • https://kasunlakshitha998.github.io/Portfolio/

Software Engineer Intern

I am a third-year software engineering student at SLIIT, pursuing a B.Sc. (Hons) in Software Engineering. I am eager to secure an internship opportunity where I can apply my academic knowledge to real-world scenarios, refine my technical and professional skills, and contribute to innovative projects. I am passionate about continuous learning and growth, and I am strongly committed to becoming a highly skilled and respected software engineering professional.

EDUCATION

Bachelor of Science (Hons) in Software Engineering

Sri Lanka Institute of Information Technology (SLIIT) • Malabe, Sri Lanka • GPA: 3.16	10/2022 - Present
GCE Advanced Level 2020 (Physical Science)	01/2018 - 08/2020
GCE Ordinary Level 2017	01/2016 - 12/2017

PROJECTS

E-Commerce Site for Mobile Shop (Group Project) 02/2024 - 07/2024

- Technologies Used : React.js, Node.js, Express.js, MongoDB
- Designed and developed a e-commerce platform with advanced features, including inventory management, a seamless shopping cart experience, efficient order tracking, customer profile management, and support for offline payment processing. The platform was built to enhance user experience, streamline operations, and ensure scalability for future growth.
- My Part - Inventory management

AI Short Video Generator 12/2024 - Present

- Technologies Used : Next.js, Firebase, MongoDB, Remotion, Hugging Face, and AI text-to-speech models.
- Developed an AI-powered web application that automates short video creation. Users select a topic, style, and duration, and the system generates scripts using gemini AI, synthesizes narration, and creates scene-specific images using AI technologies.

Translator (Group Project) 08/2024 - 11/2024

- Technologies Used : React.js, Node.js, Express.js, MongoDB Google Translate API
- Developed a web-based translator with real-time language conversion powered by APIs(Google API), featuring a Pro version with favorites , translation history and Image text translator for enhanced user experience.

UniWell Mobile App 08/2024 - 11/2024

- Technologies Used : React Native (Expo), Node.js, Express.js, MongoDB

- A health app targeting university students, aligned with Sustainable Development Goal 3 (Good Health and Well-being). Features include mental well-being, sleep health, routine management, and physical and nutritional health.
- My Part - physical and nutritional health

Weather App

12/2024 - 12/2024

- Technologies Used : React Native, TypeScript
- Developed a responsive weather app using React Native with NativeWind(Tailwind CSS) for styling and TypeScript for type safety. Features include realtime weather data, a daily forecast with horizontal scrolling, and search functionality. Designed a clean, intuitive UI for a seamless user experience

Hospital Management System

08/2024 - 11/2024

- Technologies Used : React.js, Node.js, Express.js, MongoDB
- Developed and implemented a patient management system featuring QR code integration for streamlined processes, efficient bill management, online doctor booking, responsive design for cross-device compatibility, automated PDF invoice generation, and support for offline payment processing. The system was designed to enhance the user experience, improve operational efficiency, and ensure seamless functionality across all platforms.
- My Part - Managing offline payments user and admin, User authentication, Invoices

Employee Management System

08/2023 - 11/2023

- Technologies Used : Java (OOP Concept), MySQL
- Developed a system to manage employee profiles, leave, shifts, and salary structures.

SKILLS

Programming Languages: JavaScript, Java, Python, C, C++, PHP

Front-End Development: React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap, WordPress

Mobile Development: React Native, Android Studio

Backend Development: Node.js, Express.js

Database Management: MongoDB, MySQL

Tools: GitHub, Git, Postman, Eclipse, Figma

Language: English, Sinhala