KALANA SACHINTHANA

FULLSTACK DEVELOPER

CONTACT

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⊙ https://github.com/99Kalana

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LANGUAGES

- Sinhala (Native)
- English (Fluent)

SKILLS

- Java
- MySQL
- JavaScript
- HTML
- CSS
- React
- React-Native
- MongoDB
- Nodejs
- ExpressJs
- NPM
- Firebase
- Spring Boot
- JWT
- Ajax
- Bootstrap
- TailwindCSS
- Maven
- Micro Services
- Python
- Machine Learning
- Computer Networking
- Project Management

PROFILE

A passionate and committed student of software engineering with practical full-stack development experience. knowledgeable about the MERN stack (MongoDB, Express.js, React, and Node.js) for dynamic web applications and key technologies like Java, Spring Boot, Python and MySQL for backend applications. strong grasp of the fundamentals of object-oriented programming (OOP) and hands-on experience developing mobile applications using React Native and Firebase. eager to contribute to a demanding software development environment by putting newly acquired knowledge and project-based skills to use.

EDUCATION

G.C.E. Ordinary Level	**2007 - 2015**
Royal College panadura	
G.C.E. Advanced Level	**2015 - 2019**
Private candidate	
Foundation Certificate in Information Technology	**2022 - 2023**
Curtin university colombo	
Graduate Diploma in Software Engineering	**2023 - Present**
Institute of software engineering panadura	

FIELD RELATED EXPERIENCE

GreenScape Mobile Application   2025

- Developed a single-user mobile application for plant enthusiasts using React Native for cross-platform functionality.
- Implemented core CRUD operations for managing a personal plant collection, including a key feature for setting watering and fertilizing reminders.
- Integrated a third-party plant identification API to allow users to identify plants from photos and used Firebase for secure user authentication and data storage.

Book Club Library Management (MERN Stack)   2025

- Developed and deployed a full-stack library management system for librarians, featuring a RESTful API built with Node.js/Express.js and a MongoDB database. Engineered a responsive web application using React/TypeScript and Tailwind CSS, implementing a secure user authentication system, comprehensive CRUD operations for book and reader management, and a streamlined lending/returns process. This project demonstrates proficiency in the full MERN stack and an understanding of modern web development principles.

Honda Cub Atheneum (Spring Boot & MySQL)

2025

- Developed a full-featured web platform for a global community of motorcycle enthusiasts. Built the backend using Java with the Spring Boot framework to create a multi-vendor e-commerce marketplace and knowledge hub. The platform features secure authentication with QR code login, advanced search functionality for spare parts, and comprehensive order tracking. The project demonstrates a strong understanding of backend development, relational database management, and designing a complex web platform.

Personal Portfolio Website

2024

- Developed a personal portfolio to showcase skills and projects, using modern web technologies including HTML, CSS, and JavaScript.
- Designed and implemented a fully responsive and interactive user interface to ensure a seamless experience on both desktop and mobile devices.
- The project demonstrates a strong understanding of front-end development, including UI/UX design and the practical application of core web technologies.

REFERENCE

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