KALANA DE SILVA

CONTACT

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SKILLS

Programming Languages

- Java
- JavaScript
- C
- C#

Back-end Technologies

- NodeJS
- Spring Boot

Front-end Technologies

- React
- Html / CSS
- Bootstrap
- Angular

Mobile Development Technologies

- Flutter / Dart
- Java
- Kotlin

Databases Technologies

- MS SQL Server
- MySQL
- Firebase
- Supabase
- MongoDB

PROFILE

I'm Kalana Kalhara Anushka De Silva, a web and mobile app developer pursuing a Software Engineering degree at NIBM. With experience in full-stack development, mobile apps, and UI design, I'm proficient in HTML, CSS, JavaScript, React, Node.js, Flutter, and Java. I'm passionate about creating responsive websites, intuitive mobile apps, and integrating APIs to deliver innovative solutions. Always eager to learn, I stay updated with new technologies to excel in fast-paced development environments.

EDUCATION

Higher National Diploma in Software Engineering (Reading)
National Institute Of Business Management
2023-2024

Diploma in Software Engineering (GPA:3.5+)
National Institute Of Business Management
2022-2023

G.C.E Ordinary Level & Advance Level Exams Science Stream
Richmond College, Galle
2007-2020

PROJECTS

POLICEPRONET

I have created a web application for police departments to manage and streamline their administrative tasks. This application handles and releases licenses, processes payments for licenses, submits complaints, and provides detailed information about police departments.

→ **Show in github**

URBAN FOOD

I have developed an e-commerce platform specialized in food products. Using MongoDB and MySQL with Node.js, the site supports seamless product management, including image manipulation for rich product displays. It features secure exits and backend capabilities for efficient data management.

→ **Show in github**

SECURITY WRAPPER WEB APPLICATION

I created a security wrapper web application using React and Node.js, featuring user authentication, role management, password hashing with bcrypt, and REST API integration. This project strengthens secure access control and data protection for web applications.

→ **Show in github**

SOFT SKILLS

- Team Work
- Communication
- Quick Learning
- Problem Solving

LANGUAGES

- Sinhala
- English

CERTIFICATIONS

- Postman Student Expert
- Front-End Development (University of Moratuwa)
- Web Design For Beginners (University of Moratuwa)
- Python For Beginners (University of Moratuwa)
- SQL Database Language (LinkedIn Learning)
- Completion Figma for UX Design (LinkedIn Learning)
- CSS Animation (LinkedIn Learning)
- JavaScript Practice Object Oriented Programming (LinkedIn Learning)
- Python Practice Object Oriented Programming (LinkedIn Learning)
- Introduction to Artificial Intelligence (LinkedIn Learning)
- Cyber Security Course In Extraordinary Thinkers

REFERENCES

Thilini Dharmasena

- Consultant / Lecture - National Institute of Business Management.
- Bachelor of Science MIT, Management and IT (University of Kelaniya).
- Masters of Science - MS, Operations Research (University of Moratuwa).

Phone: +94 70 229 8113

Sandaruwani Pathirage

- Consultant / Lecture - National Institute of Business Management.
- BSc (Hons) in Management and Information Technology (University of Kelaniya)

Phone: +94 71 750 4364

"KD" FITNESS CENTER (GYM MANAGEMENT SYSTEM)

I've built a gym management system in C# and SQL Server, allowing member management and monthly payments.

⟶ **Show in github**

MOBILE APPLICATION DEVELOPMENT

I created a mobile application named Auto Nexus using Kotlin. This app focuses on providing seamless automotive solutions for users.

⟶ **Show in github**

SMART HOME SYSTEM (FLUTTER, NODEMCU)

created a smart home system using NodeMCU, enhanced by a Flutter-based mobile app. The system allows control of lights and a fan while monitoring humidity and temperature. The Flutter app provides an intuitive interface for managing devices and displays real-time status and environmental data, offering seamless home automation and convenience.

⟶ **Show in github Flutter App**

SELF BALANCING ROBOT

I have successfully made a self-balancing robot using Arduino Uno. This project involved demonstrating my skills in programming and sensor integration, robotics and embedded system development to achieve automated balance.

⟶ **Show in github**

⟶ **Show in github Arduino Code**