



# Sandeep Vithanage

## Full Stack Developer

### My Contact

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### Tools and Technologies

#### Programming languages

- JavaScript
- Java
- Typescript
- Python
- PHP
- C#

#### Web development

- HTML5
- CSS3
- React JS
- AJAX

#### Mobile development

- React Native

#### Server-side development

- Node JS
- Express JS
- PostgreSQL
- .NET CORE
- MongoDB
- Firebase
- REST APIs

#### Other tools

- GIT
- Postman

### Person Skills

- Observation
- Teamwork
- Problem solving
- Fast learning

### Languages

- English (Intermediate)
- Sinhala (Advanced)

### About Me

Highly motivated and skilled React Native developer with a strong understanding of JavaScript and various technologies, including React JS, Node JS, Express JS, MongoDB, and REST APIs. Recently, I have been expanding my skillset by studying .Net Core and I am now looking to transition into a full-stack developer role utilizing the MERN stack as well as .Net Core, where I can utilize my skills and knowledge to build high-quality, efficient, and reliable applications. Eager to join a competitive team in a challenging environment to continue learning and growing as a developer.

### Professional Experience

#### Pelican Cube | Software Engineer (React Native)

Jan 2023 – Present

#### Pelican Cube | Associate Software Engineer (React Native)

Jul 2022 – Dec 2022

*Key responsibilities,*

- Develop and maintain applications using React Native.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Ensure the performance, quality, and responsiveness of applications.
- Fix bugs and identify and correct bottlenecks.
- Maintain code quality and organization.
- Participate in code reviews.
- Stay up-to-date with the latest best practices and technologies in mobile development.

#### Pelican Cube | Software Engineer Internship (React Native)

Jan 2022 – Jun 2022

*Key responsibilities,*

- Assist in the development and maintenance of applications using React Native.
- Learn about and assist with the collaboration with cross-functional teams to define, design, and ship new features.
- Participate in the testing and debugging of applications.
- Help maintain code quality and organization.
- Assist with the identification and correction of bugs and bottlenecks.
- Participate in code reviews and learn about team standards and guidelines.
- Keep up-to-date with the latest best practices and technologies in mobile development.

### Education Background

#### University of Kelaniya, Sri Lanka | BICT (Hons), Software Systems Technology

Feb 2018 – Present

- 3.18 GPA

# Projects

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## SmartOffice

SmartOffice is a digital assistant designed for the corporate workplace that offers a range of features to improve productivity and efficiency. Some of the key features include,

- Single sign-on to access all functions of the tool
- Leave requests and cash reimbursement/advance features to help employees manage their work and finances
- Analytics capabilities to detect anomalies in petty cash and cash advance processes
- Integration with third-party approvals and multilingual support for a diverse employee base
- Real-time notifications, and access to corporate updates and news.

*Technologies,*

- React Native, Redux, Redux-Saga, FCM, Firebase Crashlytics, and MS Application Insight logs.
- These technologies help ensure that the app is reliable, scalable, and easy to maintain.

*Key Responsibilities,*

- Developing new features and functionality for the app.
- Releasing updates and bug fixes to ensure reliability and performance.
- Testing and debugging the app to ensure it is error-free and meets user needs.
- Collaborating with team members and participating in code reviews.
- Contributing to the overall development and maintenance of the app.

Android: <https://play.google.com/store/apps/details?id=com.jkit.smartoffice>

iOS: <https://apps.apple.com/us/app/smart-office-2-0/id1594512207>

## Kanso

Kanso is a mobile app that offers a conversational interface for users to communicate with businesses, with a focus on credit and collection conversations.

*Technologies,*

- React Native, Redux.

*Key responsibilities,*

- Developing new features and functionality for the app
- Releasing updates and bug fixes to production

Android: <https://play.google.com/store/apps/details?id=com.pelicancube.kanso>

iOS: <https://apps.apple.com/us/app/kanso-app/id1614623719>

## Academic projects

### Ayubowan Mobile Application

A mobile app for Ayubowan Gift Centre to manage sales. It is integrated with an existing POS system.

*(UI/UX design)*

*Technologies,*

- React Native

### A Movie Review Web Application

Currently developing a movie review web application that allows users to upload movie details and trailers, and provide reviews and ratings. Guided from a Udemy course.

*Technologies*

- React JS, Node JS, Express Js, MongoDB

### A Mobile Application for Divisional Secretariats to Interact with Division's Community (Individual)

A mobile app and admin side web app for the final year individual project.

*Technologies,*

- React Native, React JS, Node JS, Express JS, Firebase, MongoDB

### Car Dealer Management System (Individual)

A car dealer management system that contains an admin interface and dealer interface.

*Technologies,*

- Python, Tkinter, SQLite

### Maatha Voice Assistant Mobile App (Group)

A voice assistant mobile app named 'Maatha' to a group project as a contributor.

*Technologies,*

- React Native

### Library Management System (Group)

A library management system for the requirements of FCT, UOK as a team contributor.

*Technologies,*

- React JS, Node JS, Express Js, MongoDB

### Reactivities Web App

A web app, just like a social media app, developed with an Udemy course.

*Technologies,*

- .NET CORE, React JS, Postgre SQL

## Non Related Refrees

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### **Mr. Shanindu Rajapaksha**

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### **Mr. Vihaga Yohan**

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