



Sandeep Vithanage

Full Stack Developer

My Contact

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Tools and Technologies

Programming languages

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

Web development

- HTML5
- React JS
- CSS3
- AJAX
- Tailwind CSS

Mobile development

- React Native

Server-side development

- Node JS
- MongoDB
- Express JS
- Firebase
- PostgreSQL
- REST APIs
- MySQL
- ASP.NET Web API

Other tools

- GIT
- Postman
- Docker

Person Skills

- Observation
- Problem solving
- Teamwork
- 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 ASP.NET Web API and I am now looking to transition into a full-stack developer role utilizing the MERN stack as well as ASP.NET Web API, 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 – Aug 2022

- 3.18 GPA

Projects

Avanica - (Freelance)

Avanica is a web-based inventory management system for a shop with multiple branches. The system is still in the development process and provides an easy-to-use interface and a wide range of features, including,

- Customer management: add, edit, and delete customer information, including contact details and order history
- Product management: add, edit, and delete product information, including name, description, image, and price
- Create and manage orders, with the ability to track order status and history.
- Generate invoices for customer purchases, including a breakdown of products and prices
- Assign different levels of access and permissions for users, including an admin role for managing the system
- Manage inventory separately for each branch, with data kept separate and accessible only by authorized personnel
- The system is designed to scale as the business grows, with the ability to add new branches and users as needed

Technologies,

- Node JS, Express JS, React JS, and MongoDB.

Key responsibilities,

- Designing and implementing the backend and frontend architecture of the system.

Design: **Figma**

Inventory Management App - (Freelance)

This is a web-based inventory management system for a wholesale shop. The system is still in the development process and has the same kind of features as 'Avanica', including,

- The system sends alerts to users when a product is approaching its expiry date and the stock of a particular product falls below a predefined threshold.

Technologies,

- Node JS, Express JS, Next JS, and MySQL.

Key responsibilities,

- Designing and implementing the backend architecture of the system.
- Providing support for front-end development using Next JS.

Web: **<https://ztzzsolutions.com/>**

Design: **Figma**

SmartOffice - (Pelican Cube)

SmartOffice is owned by JKIT and it 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 – (Pelican Cube)

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>

Eyekon – (Freelance)

Eyekon is a web-based learning management system for an educational institute of the same name. It provides an easy-to-use interface and a wide range of features, including,

- Allows for creating and managing user accounts with roles for admins, teachers, and students.
- Enables teachers to create, manage and organize course materials.
- Teachers can upload lecture materials including text, images, and videos with a rich text editor.
- Teachers can conduct live-streaming sessions for students.
- All users with accounts can access course materials and live-streaming sessions from anywhere at any time.

Technologies,

- Django, React JS, and PostgreSQL

Key responsibilities,

- Designed and implemented the backend architecture of the system using Django and PostgreSQL.
- Provided support for front-end development using React JS.

Web: <https://eyekoneclass.lk/>

Ayubowan – Freelance

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

Technologies,

- React Native, Redux

Design: **Figma**

Academic projects

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

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

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,

- ASP.NET CORE, React JS, Postgre SQL

Non Related Refrees

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