



JOHIN K GIGI

Software Developer

My Contact

✉ johinkgigi@gmail.com

☎ +91 7559944108

📍 Ernakulam , Kerala

Hard Skill

- React Native
- React js
- Python Flask
- PHP
- HTML ,CSS, JavaScript and jQuery
- Postman
- Git and GitHub
- Slight Knowledge in Machine Learning
- Hosting
- Electron js
- Prompting
- Axios
- REST Api
- OOPs

Soft Skill

- Leadership
- Decision making
- Communication
- Multi-tasking
- Project Management

Education Background

- M G University
Bsc Computer Science
Completed in 2023

About Me

Dedicated React Native and Python Flask developer with a year of practical experience in the fast-paced field of developing mobile applications. I have a Bachelor of Science in Computer Science from Mahatma Gandhi University in Kerala, and I can offer a combination of theoretical understanding and real-world experience. I'm passionate about creating engaging and user-focused mobile experiences, and I specialize in using React Native to create cross-platform apps that work flawlessly across a range of platforms and devices.

Professional Experience

CrudOps Pvt Ltd |Senior Software Developer
2023 – Present

Key responsibilities:

- Primarily focus on developing React Native applications, with some involvement in machine learning projects.
- Oversee testing procedures to ensure the quality and functionality of applications.
- Coordinate teams and collaborate on multiple frameworks including Python and JavaScript.
- Manage and oversee multiple projects, acting as a project manager.
- Facilitate communication between clients and the development team to ensure software development aligns with client expectations.
- Act as a mentor for interns, providing guidance and support.

Projects

1. School Bus Tracking Project - React Native

Led the development of a comprehensive school bus tracking system utilizing React Native, React.js, and Firebase. The project comprised three distinct modules: Admin, Staff, and Parent, each tailored to meet specific user needs.

- Real-Time Location Monitoring: Implemented a precise real-time location tracking feature, eliminating the need for GPS, by leveraging Firebase's firestore capabilities and React Native's functionalities. This ensured efficient and secure transportation operations.
- Platform Compatibility: Engineered the system for cross-platform compatibility, with the Admin module developed using React.js for web accessibility, while the Staff and Parent modules were created as React Native mobile applications. This approach ensured a seamless user experience across various devices and platforms.
- Firebase Integration: Utilized Firebase as the backend infrastructure, managing data storage, authentication, and real-time updates. This choice streamlined development processes and ensured scalability and reliability.

Language

- English
- Malayalam
- Hindi

Certifications

- Completed Internship of Web Development in php at Nosce Techno Solutions

Extra Activities

- Worked as co-ordinator in IQAC association and lead a technical session to students

2.Virtual Calling System - Python Flask

Developed the backend infrastructure for a virtual calling system called Ringme, utilizing Python Flask for robust API development. The project involved handling all major API calls, integrating the frontend system with a PostgreSQL database, managing server files through FileZilla, implementing OTP integration with external APIs, and integrating a payment gateway.

- API Development: Designed and implemented a comprehensive set of APIs using Python Flask to facilitate various functionalities of the virtual calling system, ensuring efficient communication between the frontend and backend components.
- Database Integration: Integrated the frontend system with a PostgreSQL database to manage user data, call logs, and other essential information, ensuring data integrity and reliability.
- Server Management: Utilized FileZilla for efficient management of server files, ensuring smooth deployment and maintenance of the application.
- OTP Integration: Implemented OTP (One-Time Password) integration with external APIs to enhance security measures, ensuring secure authentication and user verification during the login and registration processes.
- Payment Gateway Integration: Integrated a payment gateway into the application to enable seamless and secure transactions for premium features and services, enhancing the user experience and monetization opportunities.

3.Dynamic Weather App - React Native

Developed a dynamic weather application using React Native that provides real-time weather information for different regions without the use of a database. The app utilizes API calls to fetch weather data and dynamically updates the display based on user-selected regions.

- API Integration: Integrated weather APIs (e.g., OpenWeatherMap, WeatherStack) using Axios to fetch real-time weather data for various locations. This allows users to access accurate weather information without the need for a local database.
- Region Selection: Implemented a user-friendly interface that enables users to select different regions or cities. Upon selection, the app dynamically retrieves and displays the corresponding weather information for the chosen location.
- Real-Time Updates: Utilized React Native's state management to ensure real-time updates of weather data. The app automatically refreshes the weather information at regular intervals to provide users with the most recent forecasts.