

KARTHIK M

Flutter Developer

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📍 Bengaluru, India

🔗 github.com/karthikmohan4

EXPERIENCE

Software Engineer

Sensesemi Technologies Pvt. Ltd.

📅 August 2022 – Present 📍 Bengaluru, India

- Developed enterprise app, doctor app, patient app, and SDK using flutter from scratch.
- Integrated sensor device with mobile devices using Bluetooth Low Energy technology.
- Integrated the REST API's built in NodeJs
- Collaborated with interns to build the Iris mobile app.
- Conducted rigorous testing of the developed applications.

Flutter Developer

Recipto Pvt. Ltd.

📅 Dec 2021 – April 2022 📍 Bengaluru, India

- Developed responsive UI's and integrated REST API's for an e-commerce application using Flutter.
- Updated an existing Flutter app to the latest version by implementing null safety.
- Integrated Firebase services, including Crashlytics, Dynamic links, and Remote config
- Successfully deployed the developed application to the Google Play Store.

SKILLS

- Flutter - (Bloc, Riverpod, Getx), Dart, Firebase, Hive, SQLite
- HTML, Tailwind CSS, Javascript, Typescript, NodeJs-ExpressJs, PostgreSQL, MongoDB
- Git, Jira, Postman, Testing

EDUCATION

Bachelor of Engineering - Computer Science

PES Institute of Technology

📅 Aug 2016 – Sept 2020

PUC – Computer Science

Narayana PU College

📅 2014 – 2016

SSLC

Shantiniketan Educational Institutions

📅 March 2014

INTERESTS

- Programming
- Volleyball
- Photography

PROJECTS

Sense E – Healthcare Enterprise App

- Developed a Flutter app for healthcare hospitals and remote clinics, enabling efficient management of doctors, patients, documents, and reports.
- Integrated the app with the senseH health device using Bluetooth Low Energy (BLE) to facilitate vital tests for patients.
- Implemented chart functionality to visualize health records with customizable filters

Sense U – Patient App

- Developed a Flutter app for patients of specific clinics/hospitals, enabling them to consult doctors, upload/download reports, and connect via video calls.
- Integrated a payment gateway using Razorpay for subscription-based services.
- Integrated the BLE functionality to connect with senseH device for conducting tests and gathering health data.
- Implemented functionality for patients to visualize their health records within the app.

Sense D – Doctor App

- Developed a Flutter app specifically for doctors affiliated with clinics/hospitals.
- Enabled doctors to conduct video consultations with patients through the app.
- Implemented features for doctors to provide feedback and review patient reports.

SenseH - SDK

- Developed a Flutter SDK for seamless integration into other Flutter apps, facilitating connectivity with the senseH device via Bluetooth.
- Implemented various services to enable smooth data transfer between the device and the backend.
- Incorporated offline storage capabilities to ensure functionality even when the internet connection is unavailable

Conversion - Flutter Package

- Developed a Flutter package in pure Dart to provide value conversion functionalities
- Implemented the package to easily convert values to the desired formats within Flutter applications.
- Url: <https://pub.dev/packages/conversion>

Recipto – E-commerce App

- Developed responsive UIs and integrated Rest API's. Utilized Hive DB for local storage in the application.
- Integrated Firebase functionalities, including Crashlytics, Remote Config, and Dynamic Links.
- Url: https://play.google.com/store/apps/details?id=com.recipto.customer_app