



NAGAJOTHY KALIRAJAN

MOBILE APPLICATION DEVELOPER - Android
Native,Flutter

CONTACT

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TECHNICAL SKILLS

- Frameworks - Android Studio,Eclipse, Arduino, Postman, .NET.
- Mobile Platforms: Android (Expert), iOS (Manageable with Flutter cross-platform).
- UI/UX: Mobile App UI design, Converting Figma designs into functional UI, User-centric experience design.
- IoT(Bluetooth) - RUUVI, BlueTag, PYXIS, kBeacon,BT05.
- Api & Integration - Retrofit, Dio, Http, Google Api, Social Media Api, Restful Api.
- Database - Android - SQLite,ROOM, HIVE (FLUTTER).
Firebase - Analytics, Remote Config,Push
- Notifications, Log Events.
Debugging - Proficient with Android Studio,
- Flutter Inspector and general debugging techniques.
- Language - JAVA (Core + OOPS), Flutter (DART), C, C++.
- Remotely Mobile Apps & Device Management - Microsoft Intune.
- Operating System - Microsoft Windows.
- Version Control - Git, BitBucket.
- Change Management - Rally.
- Code Architecture - Clean Architecture.

PROFILE

Highly motivated Android developer with expertise in Java & Flutter. I build native apps and leverage cross-platform frameworks to adapt to the needs. I'm eager to contribute to the future of mobile solutions and actively seeking an opportunity to leverage my skills on a challenging and rewarding project

EXPERIENCE - 6+ YEARS

Android Developer (MAY 2017- MAY 2019)

Visansoft, Tuticorin.

Senior Software Engineer (JAN 2021 - PRESENT)

Bonbloc Technologies, Chennai.

RECENT PROJECTS

Onelign (IOT) - BlueTag Sensor,kBeacon Sensor,

BT04 Sensor

2022 - PRESENT

SENIOR SOFTWARE ENGINEER

- Worked on Development from Scratch. Implemented the decoding of data
- corresponding to the SDK of each sensor. Application to read broadcasting data such as temperature from sensors such as BlueTag,
- kBeacon, BT04 via Bluetooth and send data to the cloud. Worked on Bluetooth Gatt Server hence got historical data by sending commands. Implemented the API to synchronous data with Server. Implemented
- QRScan technology to scan the serial number from the sensor.

McTRAK (IOT)- Temperature Tracker(Gateway) JAN 2021 - DEC 2021

SOFTWARE ENGINEER

- Worked on Development from existing.
- Application to read data (temperature, pressure and humidity) from Ruuvi Sensor via Bluetooth and send data to the cloud.
- Application to read data from PYXIS sensor via Bluetooth and send data to the cloud.

PLAY STORE LINK

- [Onelign Ed](#)
- [Onelign Temperature Tracker](#)
- [RFID SCANR](#)
- [First Alert](#)
- [Dutaka](#)

EDUCATION

2010 - 2013

MANONMANIAM
SUNDARANAR UNIVERSITY

- Master of Computer Application
- Percentage: 83.44 %

2007 - 2010

MANONMANIAM
SUNDARANER UNIVERSITY

- Bachelor of Computer Science
- Percentage: 71.66%

SKILLS | EXTRA

- Project Management
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Problem Solving
- Innovative Thinking

LANGUAGES

- English (Fluent)
- Tamil (Fluent)

- Implemented the Retrofit API to synchronous data with Server.
- Implemented WorkManager Component for sending data to server periodically.
- Implemented Silent Auto Update feature using MS Intune.
- Implemented Firebase API for Application Analytics.
- Share crash report to the mail silently as well as the backend.
- Implemented alarm manager to wake up the device every four hours.

VISANSOFT PROJECTS

WORLD VISION INDIA - DUTAKA(PHASE I & II) FEB 2018 - MAY 2019

ANDROID DEVELOPER

- Application for people who bring sponsors and donors to support vulnerable children.
- Worked on Forms Development from scratch.
- Implemented Social API to interact with Gmail, Messages and WhatsApp.
- Payment gateway implementation using CCAvenue.
- Prepared Query Find Forms.
- Front end development includes layout design. Implement the API to interact with the Back end. Created Dashboard.
- Developed FAQ and Contact us information in Application.
- Developed User registration with Admin approval.
- Documentation of Application workflow.

WORLD VISION INDIA - FIRST ALERT

JUN 2018 - APR 2019

ANDROID DEVELOPER

- Application for Emergency Dispatch Solution for Individuals.
- Worked on Forms Development from scratch.
- Developed user registration with verification code.
- Implemented GPS information.
- Interfaced phone contacts with Application.
- Front end development includes layout design.
- Implement the API to interact with the Back end.
- Interacted with Other applications like Phone, Contact and Email.
- Registration form with OTP.

WORLD VISION INDIA - SISHURAKSHA

MAR 2018 - APR 2019

ANDROID DEVELOPER

- Application for Hospital Management to record Child Vaccination.
- Worked on Forms Development from scratch. • Data Query handling is implemented using QR CODE Technology.
- Creation of Dashboard to show To-Do List.
- Front end development includes layout design and validates the same.
- Implement the API to interact with the Back end and test the same before release.
- Documentation of Application workflow.

I have declare that the above information is correct and true to be my knowledge and belief.

Sincerely,
k.Nagajothy.