

Sijan Joshi

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SUMMARY

I am a Mobile Application Developer with **over 5 years of experience** specializing in Native Android development using **Kotlin** and **Flutter**. My skills include package/plugin development and proficiency in state management tools. I have worked on various project domains such as **VoIP, IoT, Salesforce integration, Ecommerce, Geolocation, and Healthcare** apps. I'm knowledgeable in design patterns like **BLoC, Provider, Clean Architecture, and MVC/MVVM**, and adept at integrating **RESTful and GraphQL** APIs. I am experienced in **Firebase** services and possess **cross-platform** development skills for iOS and Android. My focus also includes UI/UX design principles and staying updated with the latest trends in mobile development. I actively participate in developer communities. My comprehensive skill set makes me a valuable asset in mobile app development projects.

PROFESSIONAL SKILLS

Programming Languages: Kotlin, Java, Dart, Swift

APIs: GraphQL, RESTful APIs

Business Sector & Technologies: VOIP, Ecommerce, Geographical Information System (GIS), Customer Relationship Management (CRM), Healthcare, Internet of Things(IOT)

Frameworks & Architecture: Flutter, MVVM, BLoC/Cubit, Clean Code Architecture, Function & Package based design

Education: Bachelors in Computer Engineering, Pokhara University

WORK EXPERIENCE

Company: Varosa Technology Pvt. Ltd

Role: Mobile Application Developer

July 2021 – Present

Roles and Responsibilities

- Developed and maintained **Android and Flutter** applications for both Android and iOS platforms, ensuring a consistent user experience across devices.
- Implemented clean architecture principles in the development of the applications, resulting in modular and scalable codebases.
- Published the applications on both Google Play Store and Apple App Store.
- Utilized TestFlight for iOS to distribute beta versions of the application for testing and gathering feedback from internal and external stakeholders.
- Integrated Twilio VOIP and Voice functionalities into Flutter applications to enable voice calls and SMS, ensuring a seamless communication experience for users.

- Worked on optimizing the performance and responsiveness of the applications, improving user satisfaction and retention rates.
- Rewritten package to better suit the application in both kotlin and swift. Also implemented platform specific tasks by using the Pigeon package.

Projects Involved

- **Leadheed (CRM)** - This is a Customer Relationship Management (CRM) based SaaS Product which is currently under development. I am the sole mobile developer in this product which was being developed in Flutter.
- **Calilio (VOIP)** - This is a VOIP based soft telephony application which is developed in both web and mobile platforms which is a SaaS Product. The application was developed in Kotlin and swift.
- **Cyclcy** - This is an IOT based product which is being operated and run in Doha, Qatar. The main business domain of this product is that it is cycle rental based where the application has to connect smart lock. My role in this product was the IOT portion which is connecting applications to the smart lock.
- **Pharmasoft** - This is a monitoring application developed for sales officers. This application was developed in Flutter. I was the sole developer in this application.

Company: Mediflow Solutions Pvt. Ltd.

Role: Mobile Application Developer

August 2019 – July 2021

Roles and Responsibilities

- Developed and maintained two Flutter applications, including an in-house app and an app for Gokarna Municipality with clean architecture, Restful API integration, JWT based authentication system and BLoC / Cubit state management.
- Integrated patient and doctor login, hospital ticket booking, and payment gateway integration via eSewa and Khalti in the in-house app.
- Developed a membership application that provided users with access to their membership status and generated QR codes for discounts and opportunities provided by the municipality.
- Collaborated with a team of developers, designers, and stakeholders to ensure timely delivery of the project.
- Conducted unit and integration testing using testing frameworks such as flutter's built-in testing framework and Mockito to ensure the quality of the application.

Projects Involved

- **Online Ticketing for Hospital** - A mobile app facilitating hassle-free ticketing for hospital appointments and services, ensuring efficient scheduling and access to healthcare resources. This application was developed in Flutter.
- **Membership Portal** - A mobile app that provides users with access to their Membership Status and Generated QR Codes for discount and opportunities. The application was developed in flutter. I was the sole developer in this application.

OTHER FREELANCE PROJECT

- **Project:** Swastik Sweets & Snacks
Role: Freelance Mobile Application Developer
Platform: iOS & Android
Description: I was the sole developer behind Swastik Sweets & Snacks Mobile Application, a project built using Flutter. It is an Ecommerce Application that focuses on selling food, snacks, and sweets.
Google Play Link:
<https://play.google.com/store/apps/details?id=com.swastiksweetsnsnacks>
App Store Link:
<https://apps.apple.com/np/app/swastik-sweets-and-snacks/id6448732099>
- **Project:** Daju Bhai Tea
Role: Freelance Mobile Application Developer
Platform: Android
Description: I was the sole developer behind Daju Bhai Tea Mobile Application, a project built using Flutter. It is an employee share trading Application that allows buying and selling of shares within the organization.
Google Play Link:
https://play.google.com/store/apps/details?id=com.dajubhai_tea

OPEN SOURCE CONTRIBUTION

Project: phone_numbers

Description: Flutter plugin for parsing, formatting and validating international phone numbers.

- Identified and Resolved a platform-specific issue related to region code parsing in Android Platform for the phone_number Flutter plugin.
- Implemented a fix ensuring accurate region code determination for international phone numbers on Android devices.
- Collaborated with the project maintainer and community through Github Pull Request.

Github Repository:

https://github.com/flutter-form-builder-ecosystem/phone_number

Pull Request:

https://github.com/flutter-form-builder-ecosystem/phone_number/pull/112