Muhammed Aslam N
Flutter Developer

📞 +91 9645541338   ✉ muhammedaslamn210@gmail.com   in LinkedIn   ⎇ GitHub

Profile Summary

Highly motivated Flutter developer with a passion for building beautiful and performant mobile applications. Skilled in problem-solving and crafting user-friendly UIs with the latest Flutter features. Adept at writing clean and efficient Dart code, staying up-to-date with the evolving Flutter ecosystem and delivering exceptional results. Eager to contribute to a dynamic team and continuously learn within the exciting world of mobile development.

Experience

Klinik Everywhere Technologies Private Limited   Bangalore, Karnataka
Software Engineer   *Mar 2022 – Apr 2024*

- **Enhanced App Responsiveness**: Independently developed and deployed **multiple app flavors** using Flutter, resulting in enhanced app responsiveness and significant improvements in **app efficiency**.
- **Enabled Offline Functionality:** Led a cross-functional team in implementing **offline functionality using sql**, enabling users to access consultations even in areas with no network connectivity, which result in getting more opportunities in the market.
- **Improved App Performance:** Implemented enhancements across different app flavors, resulting in substantial improvements in **user experience** and **app performance**.
- **Streamlined Integration with Back-End:** Effectively collaborated with the back-end team to streamline integration, ensuring successful delivery of **two top-notch** applications.

Projects

SpotCare - Doctor App | *Firebase, FCM, REST-API, XMPP, Jitsi, Provider, Retrofit*   Play Store

- Empowered Neighborhood Health Services by developing a comprehensive Tele-Medicine platform.
- The platform offers advanced consultations, examination functionalities, patient monitoring for doctors, nurses, labs and seamless vitals integration through kiosks.
- User authentication using **O Auth** incorporating **JWT**.
- **Jitsi** service for video and voice calls in consultation with the patients.
- Consultation notification using **Firebase Cloud Messaging (FCM)**.

CareReceiver - Patient App | *Firebase, OTPLess, Google Map, Razorpay, FCM, REST-API, Jitsi, Provider*   Play Store

- Streamlined Patient Care by building a user-friendly healthcare management module within SpotCare.
- The module enables patients to schedule appointments, manage consultations, receive care plans and connect with providers via video or in-person consultations using **Jitsi**.
- Implemented authentication using WhatsApp by leveraging **OTPLess Service** for convenience.
- Notification service using **Firebase Cloud Messaging (FCM)**.

SpotCare Kiosk - Patient App | *Sqflite, Razorpay, REST-API, Jitsi, Provider*

- Developed a Tele-Health platform leveraging Ayusynk and AgeWell SDKs to deliver essential health monitoring and diagnostics in under-served regions.
- Implemented Offline functionality using **Sqflite** which stores consultation and sync-back when network is available.
- Integrated Jitsi video service to facilitate seamless communication between patients and healthcare providers, regardless of location.
- Made healthcare accessible in under-served areas by fostering a comprehensive health monitoring and diagnostics system, ultimately promoting well-being for all.

Buddhi Clinic - Doctor & Admin App | *Razorpay, REST-API, GetX, Video Player, Jitsi, MVC*   Play Store

- Developed a custom application specifically tailored to Buddhi team doctors' needs, optimizing their workflow and saving valuable time.

- Delivered a solution within a condensed time frame to significantly optimize company resources by **minimizing** both **time and cost expenditures**.
- Integrated essential features like video calling, video playback, **prescription generation** and **order tracking** into the application to empower doctors.
- Designed the application with **dual-phase functionality**, catering to both administrative and doctor roles, to ensure a seamless user experience for all parties involved.
- Designed, implemented, and tested Flutter and Dart code using **MVC** pattern for IOS and Android.
- Jitsi for video calling services managed by **GetX** to improve efficiency and performance.

Buddhi Clinic - Patient App | *Hive, Razorpay, REST-API, Jitsi, Provider*   Play Store

- Developed a mental health care app designed to support their patients on their journey towards improved mental well-being.
- Implemented Cart feature using **Hive database** storing user products and wish list.
- Integrated features like video calls with doctors, appointment reminders, self-care resources (product purchases) and educational video playback.
- Offers video content in multiple languages to cater to a diverse patient population and ensure inclusivity in mental healthcare.

Personal Projects

WiseVerbs - Quote Sharing App | *Provider, Firebase, Dio, Share, Text-to-Speech, Speech-to-text, REST-API*   GitHub Link
- Developed a social app for sharing quotes, promoting positive thinking.
- Implemented **Firebase Authentication** and data storage for a secure user experience.
- Utilized **Provider** for efficient state management within the app.
- Designed a user-friendly dark theme interface.

Evento - Event Management App | *Flutter, Dart, REST-API, Google Map, Razorpay*   GitHub: Vendor | User
- **Simplified Event Management**: Platform with dashboards for users and vendors. Hire vendors and create events seamlessly (Uses Google Maps, Razorpay).
- **Secured User Experience**: Implemented seamless Google Sign-In and OTP-based authentication for a trusted event management experience.

Musin - Music Player | *Flutter, Dart, Hive, asset_audio_player, Provider, Miniplayer*   GitHub Link
- Basic music player controls with Playlist filtering, Miniplayer and search.
- Integration between device audio assets and **Hive DB** using **GetX** state management.

Technical Skills

Languages: Flutter, Dart, Java, Kotlin, C/C++, JS, HTML, CSS

Programming Paradigms: OOPS

State Management: Provider, GetX, BloC

Architecture: MVC, MVVM, Clean Architecture, BloC-pattern

Designing: Figma

Cloud Services: Firebase, MERN

Services: REST API, Socket IO, Postman

Databases: Hive, SharedPreference, Firebase Firestore, SQL

CI/CD: Git, Git-Hub, BitBucket

Tools: VSCode, Android Studio

Education

Mobile Development using Flutter	Aug 2021 – Mar 2022
Brototype	*Calicut, Kerala*
BSc Computer Science	Jul 2018 – Mar 2021
University of Calicut	*Calicut, Kerala*
Percentage: 68.2%	