

Muhammad Ameen

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EDUCATION

Calicut University , National College of Arts And Science

Bachelor of Computer Applications

Calicut

April. 2020 – April 2023

EXPERIENCE

Flutter Developer

May 2023 – Present

Ceroen Software Solutions

Kinfra Techno Industrial Park, Malappuram

- Revamped app architecture from scratch using clean principles, reducing code complexity.
- Single-handedly built and deployed three apps to Google Play Store and Apple App Store on schedule.
- Collaborated with backend and design teams to launch new features, boosting app performance by 25 percent and user retention significantly.
- Coordinated with beta testers to gather feedback, improving app functionality and usability by 15 percent before release.
- Managed app development under CTO and CEO supervision, ensuring alignment with goals and timely updates.
- Conducted regular code reviews to maintain high code quality and standards.

Collaborative Development Projects

Jan 2024 – Present

- Assisted in the development of mobile applications, troubleshooting complex issues, and providing solutions for fellow developers and teams.
- Contributed to various projects as a consultant and problem solver, helping implement state management, optimize performance, and address backend integration challenges.
- Took on tasks such as bug fixes, feature enhancements, and advising on architectural improvements to enhance scalability and maintainability.
- Leveraged expertise in Flutter, Firebase, and REST APIs to support teams in meeting deadlines and improving code quality.

PROJECTS

Workstair Jobhead | *Flutter, Cubit, Firebase, Rest-API*

Android: [Link](#) | iOS: [Link](#)

- Adopted Cubit/Bloc with REST APIs for frontend state management.
- Implemented in-house authentication, local authentication, and session management to ensure secure user access and persistent login sessions.
- Utilized Firebase Remote Config for forced updates and gradual feature releases.
- Integrated GPS for location-based tasks and user settings synced with website configurations.
- Implemented offline mode using SQLite, allowing users to access and manage data without an internet connection.

Docstair | *Flutter, Cubit, Firebase, Rest-API*

- Engineered a complete mobile clone of the Docstair website, replicating all key features.
- Implemented multiple themes for enhanced visual experience.
- Developed document and picture upload feature using camera or files via REST API.
- Configured local notifications to alert users about important updates.
- Created dynamic forms that adapt based on API responses.
- Leveraged Firebase Remote Config for dynamic app settings and feature management.
- Applied DDD architecture for scalable and maintainable code.

TeaTally (Hobby App, Under Development) | *Firebase Firestore, Google Auth*

- A personal project aimed at addressing a real-world challenge: tracking and managing tea sessions with friends.
- Built with Firebase Firestore, offering real-time updates across multiple devices for seamless collaboration.
- Integrated Google Authentication for secure and user-friendly login.
- Features a sleek interface with intuitive design, focusing on real-time collaboration and usability.

TECHNICAL SKILLS

Languages: Dart (current focus), Golang, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Python

Frameworks: Flutter, Angular, Flask,

Developer Tools: Git, Firebase, Firestore Figma, Xcode, Play Console, AppStore Connect

Libraries: Dio, Freezed, Sqflite Provider, GetIt, Bloc, Injectable, Auto Router