Muhammad Allam

Software Engineer - Flutter & Mobile App Developer

Contact Information

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Professional Summary

Flutter Developer with 2+ years of experience delivering high-performance, cross-platform apps for Android and Windows. Skilled in Dart, Flutter, MVVM, BLoC, and SOLID principles, with a strong focus on clean, maintainable code. Successfully built and deployed POS systems, inventory management tools, and mobile apps that improved client efficiency. Adept at API integration, offline-first architectures, and multilingual support to ensure excellent user experience.

Work Experience

Flutter Developer (Freelance)

April 2023 - Present

- Designed and developed cross-platform mobile and desktop apps for real clients, including POS systems, inventory tools, and utility apps.
- Delivered 3+ client projects from concept to production, meeting 100% of deadlines and achieving an average client satisfaction rating of 4.9/5.
- Provided long-term maintenance, bug fixes, and feature enhancements for deployed applications.

Projects

Foody (Production Project) View Project

- Developed a cross-platform cashier system (Android & Windows) using MVVM and BLoC (Cubit), serving over +20 restaurants until now.
- Implemented offline-first syncing between Isar (local) and Supabase (cloud) to ensure data availability.
- Enhanced user experience with multilingual support, dynamic theming, and a customized keyboard.

- Generated 10+ automated sales, expense, and stock reports, reducing manual reporting time by 80%.
- Integrated USB/LAN thermal printing for receipts and kitchen orders.
- Implemented secure role-based access to enable multi-user workflows.
- Created 4 dedicated companion apps (Kitchen, Takeaway, Tables, Delivery) that integrate with the main cashier system over a LAN connection.

Optics Store (Production Project) [View Project](#)

- Built an inventory and sales management system for optics retailers using MVC and GetX.
- Implemented role-based access and multilingual support to enhance usability and security.
- Enabled sales discounts, expense tracking, and supplier management with payment status tracking.
- Provided multiple detailed reports for sales, stock levels, and expenses to improve business decision-making.

Azkar App (Android Native) [View Project](#)

- Included prayer times with live countdowns, a built-in Qibla compass, and embedded PDFs of the Holy Qur'an for offline access.
- Added a digital Tasbeeh, morning and evening Adhkar, the 99 Names of Allah, and Wudu instructions with images and a video guide for prayer.

Technical Skills

Programming & Frameworks: Flutter, Dart, MVVM, State Management (BLoC, GetX), Data Structures, Design Patterns, SOLID Principles, Clean Code

Databases & Backend: Firebase, Supabase, Appwrite, SQLite, Hive, Isar, REST APIs, WebSockets

Development Tools: Git & GitHub, Code Obfuscation, App Signing, Responsive UI Design

Cross-Platform Development: Android, iOS, Windows, Mobile App Development

Additional Skills

Collaboration & Communication, Time Management, Adaptability, Problem Solving, Teaching Programming Concepts, Prompt Engineering, Project Management Tools (Jira)

Education

Bachelor of Science in Information Technology
Delta Technological University
Period: October 2019 - July 2023
Grade: Very Good