ABDULLAH ALATRASH

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Profile Summary

Senior Mobile Developer specialized in building high-performance Flutter applications with clean, scalable architecture. Experienced in designing cross-platform systems, implementing advanced UI/UX, integrating backend services, and delivering fast, stable mobile apps. Strong focus on Flutter (Bloc, Riverpod, GetX), performance optimization, animations, modular design, and real-time communication. Also familiar with Kotlin and Jetpack Compose for native Android development.

Education

Ebla Private University   **Sep 2021 − May 2025**
Bachelor of Science in Computer Science   *Aleppo, Syria*

Experience

SWB AI – Software Company   **2024 − 2025**
Senior Mobile Developer   *Aleppo, Syria*
- Architected and delivered high-performance Flutter applications using Clean Architecture, DDD, and modular layer separation.
- Implemented complex IoT dashboards with real-time sensor streaming, advanced animations, and performance-optimized UI rendering.
- Reduced frame drops and improved rendering stability through deep profiling, code refactoring, and state optimization.
- Integrated MQTT, sockets, and REST APIs with robust state management patterns (Bloc, Riverpod, Provider).

Freelance Senior Mobile Engineer   **2023 − Present**
Flutter Mobile Engineer   *Remote*
- Delivered production-grade Flutter applications using Clean Architecture, MVVM, DDD, and multi-module structures.
- Designed scalable codebases with repository pattern, dependency injection, and domain-driven feature isolation.
- Implemented authentication, payments, caching layers, offline-first design, and real-time data synchronization.
- Enhanced app quality and release efficiency using testing, profiling, and automated CI/CD pipelines.

Tech Innovations Ltd.   **2020 − 2023**
Mobile Engineer — Project Lead   *Aleppo, Syria*
- Developed Flutter and Kotlin applications using layered architecture, MVVM, and modular design.
- Led feature development for systems involving chat, live tracking, maps, and push notifications.
- Collaborated with backend teams to optimize API design, improve payload efficiency, and enhance overall performance.

Projects

Charity Management Platform | *Flutter, Clean Architecture, BLoC*   **2024**
- Cross-platform charity platform with bilingual UI and secure donation system.
- Implemented Clean Architecture and real-time Firebase updates.

Seraj Aldeen Islamic Platform | *Flutter, BLoC, Firebase*   **2023**
- Islamic knowledge app with audio/video, books, global search, and offline support.
- Built scalable architecture with BLoC and modular feature structure.

E-Commerce Pharmacy App | *Flutter, Firebase, REST APIs*   **2023**
- E-commerce pharmacy app with payments, cart, inventory sync, and order tracking.
- Integrated secure auth, product catalog, and real-time backend services.

MarketBloom Marketplace | *Flutter, Provider, Firebase*   **2023**
- Marketplace app with listings, real-time chat, and order/payment workflows.
- Implemented Provider for state management and REST API integrations.

Mihrab Islamic App | *Flutter, Firebase, Google Maps*   **2022**
- Islamic utility app featuring prayer times, Qibla, and mosque locator.
- Used Google Maps API and Firebase; added prayer notifications.

AI-Speeding Tools

AI Development Tools   **2023 − Present**
Mobile Development Enhancement   *Professional Use*
- Utilized AI-powered IDEs (Cursor AI, GitHub Copilot) to accelerate Flutter and Kotlin development workflow
- Generated Clean Architecture patterns, BLoC implementations, and responsive UI components using AI assistance
- Applied AI-assisted debugging and code optimization to improve app performance and reduce development time by 40%
- Integrated AI tools for automated code documentation, test generation, and architecture design following DDD principles
- Leveraged AI for code review and refactoring to maintain high code quality and best practices standards

Technical Skills

Mobile Development: Flutter, Dart, Bloc, Riverpod, GetX, Android SDK, Kotlin, Jetpack Compose
Backend: Laravel, PHP, Node.js, REST APIs
Architecture: Clean Architecture, MVVM, Modular Apps, Repository Pattern, SOLID, DDD
Tools: Git, Docker, Firebase, Google Cloud, Figma, CI/CD, Postman
Databases: MySQL, PostgreSQL, Firebase, Hive, MongoDB

Languages

Arabic: Native

English: Professional Working Proficiency