# Ahmed Tarek Salem
# Middle Senior Flutter developer

## SUMMARY

Software engineer with specialized expertise in Flutter development for multi-platform applications. Experienced in leading cross-functional teams and optimizing app performance, with hands-on experience in architecture and advanced project management systems. Technical proficiency in Dart, along with familiarity in C++, JavaScript, TypeScript, and a variety of Flutter frameworks and architectures. Proven record in developing high-traffic, secure applications with a focus on user experience, contributing to substantial growth rates in user base and sales. Strong foundation in computer science with a biotechnology and pharmacy degree, underpinned by effective problem-solving skills showcased through the completion of 200+ Leetcode problems.

## TECHNICAL SKILLS

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| **Main Technical Skills** | Dart (2 yr.), Facebook Auth (2 yr.), Clean Architecture, MVVM, Packet Tunnel Provider |
| **Programming Languages** | Dart (2 yr.), JavaScript, TypeScript |
| **C++ Libraries and Tools** | C/C++/C# |
| **Data Analysis and Visualization Technologies** | k-NN |
| **SDK / API and Integrations** | API, Facebook Auth (2 yr.) |
| **Methodologies, Paradigms and Patterns** | Clean Architecture, DRY, MVVM, OOP |
| **Platforms** | Fastlane |
| **Version Control** | Github Actions |
| **iOS Libraries and Tools** | Packet Tunnel Provider |
| **QA, Test Automation, Security** | Unit Testing |
| **Other Technical Skills** | Data Structures |

## WORK EXPERIENCE

### Flutter Developer, Qataf AlBarkah Application

**Duration:** Apr 2022 - Sep 2024

**Summary:** Developed a complementary app for delivery teams, enhancing the Saudi market's delivery system with wallet and payment integrations, real-time tracking, and dynamic linking.

**Responsibilities:** Built points and wallet transfer features, payments integration including Native Apple Pay, implemented real-time driver tracking with Dart Streams and sockets, created Qataf Team complementary app.

**Technologies:** Flutter, Dart, Cubit, Clean Architecture, Native Apple Pay, Dart Streams

### Flutter Developer, Ilean Application

**Duration:** Apr 2022 - Sep 2024

**Summary:** Applied new project management methodologies to facilitate processes for one of the world's largest logistics companies' global workforce.

**Responsibilities:** Implemented project management system with Kaizen cards, A3 projects, and Gimba for DP World's employees in 65 countries using Mobx and Hooks.

**Technologies:** Flutter, Dart, MobX, Hooks

### Flutter Developer, Cluster Application

**Duration:** Apr 2022 - Sep 2024

**Summary:** Led the development of a pharmaceutical solution using AI, significantly improving order creation and sales for thousands of pharmacists.

**Responsibilities:** Developed end-to-end B2B solution, integrated with Google Maps and Firebase notifications, applied Google Analytics for user behavior insights resulting in UX optimizations.

**Technologies:** Flutter, Dart, Hooks, MobX, Retrofit, Google Maps, Firebase, Google Analytics

### Flutter Developer, Hawaha Betary Application

**Duration:** Apr 2022 - Sep 2024

**Summary:** Pioneered the Arabic platform for professional media in practical protein production, serving a substantial user base with advanced features.

**Responsibilities:** Led app development, introduced social sign-in, radio streaming, and advanced search, used Flutter flavors and deep links for a seamless user experience.

**Technologies:** Flutter, Dart, GetX, MVVM, Firebase OTP

### Senior Flutter Developer, Web3 Wallet App

**Duration:** Sep 2024 - Present

**Summary:** Optimized and enhanced a multi-platform Web3 wallet application securing a high user rating and improved performance.

**Responsibilities:** Led the optimization of a Flutter-based app targeting multiple operating systems, reduced ANRs, improved app security, and performance, and collaborated with cross-functional teams.

**Technologies:** Flutter, Android, iOS, Windows, macOS, Linux

## EDUCATION

- **B.S. in Biotechnology and Pharmacy**
- Very Good with Honors
- Sep 2018 - Jul 2023

## CERTIFICATION

- **CS50 Certificate Online**
- Oct 2018 - Mar 2019