

# Murhaf Moussa

## Senior Software Engineer

Damascus, Syria | +963 984 138 407 | [murhaf.moussa@hotmail.com](mailto:murhaf.moussa@hotmail.com) | [linkedin.com/in/murhaf-n-moussa](https://linkedin.com/in/murhaf-n-moussa) | [github.com/MurhafMoussa](https://github.com/MurhafMoussa)

### SUMMARY

A **Senior Software Engineer** with **4+ years of experience** specializing in architecting and delivering **high-performance and maintainable Cross-platform applications** (iOS/Android/Web/Desktop). Highly skilled in collaborating with UI/UX designers, backend teams, and product managers within Agile development environments to deliver seamless mobile experiences. Proven impact by **launching 9+ production-level mobile apps** and significantly **reducing manual data processing by 90%** through automation and custom data pipelines. I am driven by the opportunity to deliver high-quality, impactful software solutions that make a meaningful difference in people's lives. I am actively seeking new opportunities, and I am **open to relocation**. supported by **German NGO Imagine Foundation** (Germany-based NGO offering career coaching and integration support for international talent).

### TECHNOLOGIES & TOOLS

- **Mobile:** Flutter, Dart, State Management Systems (Bloc, Provider, Riverpod, GetX), Go-Router, Dio, Material UI, Widget Testing, FVM, Fastlane, Code Magic (Familiar: Kotlin, Java, Swift), WebSockets (Pusher and socket.io)
- **Backend & Databases:** PHP, Laravel, PostgreSQL, MongoDB, RESTful APIs (Familiar: Spring Boot, Node.js, Nest.js, GraphQL)
- **Concepts & Architecture:** Clean Architecture, SOLID, Design Patterns, Unit Testing, Integration Testing, Widget Testing, Problem Solving, Debugging, Data Structures, SaaS, eXtreme Programming (XP), TDD, Pair Programming, Modular App Architecture. Mobile Security.
- **Tools & Platforms:** Git, GitHub, GitLab, GitLab CI, Firebase, Test Flight, GCP, Agile (Scrum), Jira, Trello, Notion, Figma, Slack, Sentry, Firebase Analytics, Firebase Crashlytics, Firebase A/B Testing, VS Code, ChatGPT, Cursor AI.

### WORK EXPERIENCE

#### Senior Software Engineer | [Mazimigo](#) | Remote | Mar 2025 - Present

- Engineered an automated data pipeline to extract and process document data using Laravel and GCP, **reducing manual processing work by 90%**.
- Maintained high coding standards by conducting rigorous code reviews and enforcing best practices across the engineering team.
- Designed a robust **monorepo package** with centralized services (**API handler, Error Handling, Caching, State Management, DI, Theming, Localization, and Logging**) for **5 projects**, slashing **code duplication by 75%** and **accelerating new feature development by 80%**.
- Drove continuous improvement by authoring comprehensive technical documentation for the architecture and core components, reducing new-hire **ramp-up time by 30%** and simplifying long-term project maintenance.
- Participate actively in grooming, planning, tech, and estimation sessions to streamline **Agile** workflows.

**Tech Skills:** Flutter, Dart, Go-Router, Dio, Google Cloud Platform (GCP), Laravel (PHP), RESTful APIs, Git, Monorepo.

#### Senior Mobile Developer | [VRoad](#) | Onsite (Contract) | Dec 2024 - Feb 2025

- Contributed to the [TMKN](#) smart educational platform, helping it grow to over **40,000 downloads** across Google Play, Apple Store, Microsoft, and Huawei stores.
- Engineered key features including a flexible quiz module, a secure in-app purchase system, and a platform-wide user notification system.
- Designed and implemented a dedicated teacher assistant feature, streamlining classroom management and **enhancing support for instructors and students by 25%**.

- Executed comprehensive troubleshooting and refactored legacy code, **enhancing overall application performance and stability by 40%**.

**Tech Skills:** Flutter, Dart, Firebase Messaging, Flutter Local Notifications

#### Flutter Engineer | [Ososs LLC](#) | Remote | Mar 2023 - Nov 2024

- Collaborated with a cross-functional team (product, data) to rebuild a [SaaS E-commerce platform](#) by developing reusable monorepo components and an automation script to generate entire feature skeletons.
- Took end-to-end ownership of the Ososs POS performance by **reducing loading times by 50%**, significantly enhancing responsiveness during high-demand scenarios.
- Automated the deployment pipeline for **6 distinct store customizations** to both iOS and Android, **streamlining the release process and reducing manual errors**.

**Tech Skills:** Flutter, Dart, BLoC, GetX, Fastlane, Clean Architecture, SOLID, Monorepo

#### Flutter Developer | [SDN-ONE](#) | Onsite | Oct 2021- Dec 2022

- Led the from-scratch rebuild of **3 mission-critical** apps ([Elite-Auctions](#), [Rayan](#)) to enhance maintainability and performance.
- Engineered complex, real-time features including a live-bidding auction and a multi-gateway payment system..
- Minimized app jank and FPS drops by **90%** by implementing advanced performance practices like pagination, caching, and memory monitoring.

**Tech Skills:** Flutter, Dart, BLoC, Pusher, Stripe, Fatoora, Clean Architecture, SOLID

#### OPEN-SOURCE & FREELANCE PROJECTS

##### Open-Source: [Typed form fields](#) (Flutter Package) | Duration: Ongoing | Role: Author/Maintainer

**Tasks & Impact:** Authored and published a production-ready Flutter package for type-safe form validation with zero dependencies. Engineered a clean API with BLoC for high performance and achieved **100% test coverage** with **560+ tests using TDD principles**, providing a robust solution to the community (**600+ downloads**).

**Tech Skills:** Flutter, Dart, BLoC, Unit Testing, GitHub.

##### Freelance: [Crane & Cargo](#) | Role: Mid-Senior Mobile Developer | May 2024- Jul 2024

**Tasks & Impact:** Led a comprehensive performance overhaul, **reducing load times by 60%** through optimization and bug fixes. Simultaneously, engineered core features include multi-gateway payment integration and a **real-time cost negotiation system** to streamline user-driver interactions.

**Tech Skills:** Flutter, Dart, Go Router, Google Maps, RESTful APIs. Q-Pay, HyperPay.

##### Freelance: [Fixily](#) | Role: Senior Mobile Developer | Sep 2025 – Nov 2025

**Tasks & Impact:** Engineered a multi-role maintenance marketplace featuring a real-time bidding engine and a secure in-app "Worker Wallet" for transaction management. Optimized development by reusing a custom modular core package, streamlining complex bidirectional user journeys from request to dual-sided ratings.

**Tech Skills:** Flutter, Dart, Multi-Role Architecture, Modular Package Design, Real-time Bidding, Media Processing.

#### VOLUNTEERING

##### Flutter Mentor | [Damascus University](#) | Duration: Ongoing

Empowered **40+ colleagues** by leading workshops, 1-on-1 **pair programming sessions**, and providing **continuous feedback** on advanced Dart and Flutter concepts.

##### Youtuber | Duration: Ongoing

Created and explained advanced OOP concepts using Dart on my [YouTube](#) channel

## EDUCATION

Damascus University, Bachelor of Software Engineering, Damascus, Syria (2017 – 2025) **EU Blue Card-eligible university**

## LANGUAGES

Arabic: Native | English: C1, Advanced | German: A1, Beginner