

Mellouk Amir Seif Eddine

Email: amirmellouk5@gmail.com | Phone: +213 699531806
LinkedIn: linkedin.com/in/amir-mellouk-a51b6b259/
Location: Tlemcen, Algeria

Professional Summary

Experienced Flutter Developer with 4+ years of hands-on expertise in cross-platform mobile application development, currently a Master's student in Computer Science (Software Engineering). Proven track record of delivering scalable mobile solutions using Flutter, GetX state management, and Backend-as-a-Service platforms including Firebase and Supabase. Skilled in implementing real-time features, notification systems, and database integrations while maintaining clean architecture principles. **Research interests include software architecture, distributed systems, DevOps/CI/CD, and software quality.**

Professional Experience

Flutter Developer | AMENTECH | Full-time | November 2025 – Present | Algiers, Algeria (Hybrid)

- Developing enterprise-grade mobile applications using Flutter framework with focus on performance optimization and user experience.
- Implementing advanced features including real-time notifications, deep linking, and location-based services using industry best practices.
- Integrating RESTful APIs and ensuring smooth data handling, error management, and performance.
- Managing releases for Android and iOS, including Google Play Console publishing, versioning, and production troubleshooting.
- Translating Figma designs into responsive Flutter UI with cross-device adaptability and consistent UX.
- Applying secure coding practices, debugging, and ongoing software maintenance to ensure stability and quality.
- Collaborating with cross-functional teams to deliver high-quality mobile solutions within established timelines.
- Participating in code reviews and maintaining coding standards across development teams.

Flutter Developer | RanWip | Full-time | July 2025 – September 2025 | United States (Remote)

- Developing enterprise-grade mobile applications using Flutter framework with focus on performance optimization and user experience
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Freelance Mobile Application Developer | Self-Employed | Remote | November 2024 – September 2025

- Delivered 15+ cross-platform mobile applications for diverse clients across various industries, managing complete software development lifecycle from requirements analysis to deployment
- Specialized in Flutter development with advanced integrations including Supabase BaaS, Firebase FCM notifications, and real-time messaging systems
- Implemented sophisticated features including Google Maps integration, payment processing, appointment management, and comprehensive user authentication systems
- Maintained 98% client satisfaction rate through direct collaboration, technical consultation, and adherence to project specifications and deadlines

Key Projects

Transconnect - Logistics Mobile Platform

Technologies: Flutter, Supabase, Firebase FCM, Google Maps API, Real-time Messaging
Description: Comprehensive logistics platform connecting shippers and carriers with real-time shipment tracking, secure messaging, and location-based services
Impact: Streamlined logistics operations for 200+ users with 40% reduction in communication delays

Festa DZ - Event Management Platform

Technologies: Flutter, Supabase, Firebase FCM, Payment Integration, Real-time Communication
Description: Event booking platform for venues, DJs, and photographers with revenue management and client communication features

Impact: Facilitated 500+ event bookings with automated booking management system

EcoLoop DZ - E-commerce & Service Platform

Technologies: Flutter, Supabase, Firebase FCM, Payment Gateway, Order Management

Description: Multi-vendor marketplace enabling buying/selling of items and service provider connections with comprehensive seller analytics

Impact: Onboarded 100+ vendors with integrated payment and order tracking system

Technical Skills

Mobile Development

- Flutter & Dart - Advanced proficiency with GetX state management
- Cross-platform Development - iOS and Android deployment
- UI/UX Implementation - Material Design and custom components
- State Management - GetX, Provider, Bloc patterns

Backend & Database

- Backend-as-a-Service - Supabase, Firebase
- Database Management - PostgreSQL, MySQL, SQLite
- API Integration - RESTful APIs, real-time subscriptions
- Cloud Services - Firebase FCM, Google Maps API

Programming Languages

- Dart - Expert level for Flutter development
- Java - Spring Boot, Hibernate frameworks
- JavaScript - Frontend and API development
- SQL - Complex queries and optimization

Development Tools & Practices

- Version Control - Git, GitHub workflows
 - Development Environment - VS Code, Android Studio
 - Methodologies - Agile, Scrum practices
 - Testing - Unit testing, integration testing
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Education

Master's Degree in Computer Science | Abou-Bekr Belkaid University, Tlemcen | 2024 – 2026

Specialization: Software Engineering

Master's student in Computer Science (Software Engineering), **expected 2026**

Bachelor's Degree in Computer Science | Abou-Bekr Belkaid University, Tlemcen | 2021 – 2024

Graduated: July 2024

Certifications

Language Certifications

- B2 English Certificate - CEIL

Recent Technical Certifications (2025)

- The Complete Flutter Development Guide - Udemy
<https://www.udemy.com/certificate/UC-5a043775-1a2d-4500-baa8-27b8c0c86b9b>
- Introduction to Software Engineering - IBM (Coursera)
<https://www.coursera.org/account/accomplishments/verify/HIV11WL8TDFV>
- Introduction to Cloud Computing - IBM (Coursera)
<https://www.coursera.org/account/accomplishments/verify/FT0YNTGXRYS>
- Getting Started with Git and GitHub - IBM (Coursera)
<https://www.coursera.org/account/accomplishments/verify/O1D7GY72CJV0>
- Introduction to HTML, CSS & JavaScript - IBM (Coursera)
<https://www.coursera.org/account/accomplishments/verify/L4E2I17ARNDO>

Previous Certifications

- The Java Learning Guide - Udemy (2023)
<https://www.udemy.com/certificate/UC-6fdd964d-de65-420b-9fa2-69bf086ae5b6>
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Core Competencies

- Mobile Application Architecture - Clean architecture, MVVM patterns
- Real-time Systems - WebSocket integration, live updates

- Notification Systems - Push notifications, deep linking, background processing
- Payment Integration - Secure payment processing and wallet management
- Performance Optimization - Profiling, rendering optimization, memory/runtime tuning
- Troubleshooting & Debugging - Root-cause analysis, production issue resolution
- Team Collaboration - Code reviews, knowledge sharing, mentoring
- Client Communication - Technical consultation and project coordination