

AHMAD MOUSSA

CTO | MOBILE DEVELOPMENT | AGILE
METHODOLOGIES | TEAM LEADERSHIP | APPLICATION
DESIGN



CONTACTS

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Beirut

SUMMARY

Full-stack & mobile engineer with 12+ years shipping production software – native iOS/Android, React Native, and web – from government-grade systems and consumer games to a live multi-tenant e-commerce SaaS. Former CTO experienced in leading teams, architecting scalable backends (Supabase/PostgreSQL, Cloudflare edge), and delivering polished products end to end.

KEY ACHIEVEMENTS

- Multi-tenant SaaS delivery**
Architected & shipped a multi-tenant e-commerce platform running multiple live stores on a single Supabase backend.
- Agile project management**
Reduced app development timeline by 20% through agile methods and efficient team management.
- Government app management**
Managed 30 Saudi governmental entities, enhancing CTS app functionality by 30%.
- Cross-platform development success**
Built over 10 cross-platform apps, improving company project delivery speed by 25%.

LANGUAGES

ARABIC Native ●●●●●
ENGLISH Proficient ●●●●●

EXPERIENCE

Wappify – Multi-Tenant E-Commerce SaaS (freelance) Beirut • Remote
Full Stack Developer 2025 – Present

Designed and built, for a client, a complete multi-tenant e-commerce SaaS platform: one codebase and one backend powering many independent online stores. Each tenant gets its own storefront, branding, catalog and checkout on its own subdomain or custom domain, while all data lives in a single PostgreSQL database with strict per-tenant isolation.

- Architected the multi-tenant backend on Supabase – PostgreSQL, Auth and Storage – so one deployment securely serves every store
- Built responsive, SEO-optimized React storefronts plus a full store-management dashboard for merchants
- Deployed on Cloudflare's edge: DNS, SSL and wildcard subdomain routing resolve each domain to the correct tenant automatically

Live stores: wappify.store • kimopack.wappify.store • wakood.com • malakalassal.com

Technologies: React, Supabase (PostgreSQL, Auth, Storage), Node.js, Cloudflare (Edge, DNS, SSL)

To TalkTo (freelance) Abu Dhabi
Full Stack & Unity Developer 01/2025 – 03/2025

A 3D AI virtual companion: users speak or type naturally to a lifelike animated 3D character that understands them and answers in real time – useful for companionship, conversation practice, and interactive learning, with none of the friction of a text-only chatbot.

- Chained a full real-time AI pipeline: on-device voice capture → speech-to-text → LLM response grounded in curated knowledge (RAG) → text-to-speech → live 3D avatar animation
- Built the animated 3D character in Unity/C#, lip-synced and driven by the generated voice audio for a natural face-to-face feel
- Integrated the Unity experience into the mobile app with native Android/iOS layers handling microphone, audio and session state

totalkto.ai

Technologies: Unity, C#, LLM APIs + RAG, Speech-to-Text / Text-to-Speech, Native Android & iOS

Barber Reservation App (freelance) Abu Dhabi
Full Stack Developer 06/2024 – 11/2024

App for barber reservations.

Technologies: React Native, Supabase, PostgreSQL

Book Yard Mobile App (freelance) Abu Dhabi
Full Stack Developer 01/2024 – 05/2024

A mobile app for searching, downloading, and reading books, with an integrated Epub reader. Included multiple subscription tiers, book commenting/rating, and a TikTok-like swipe feature for book reviews.

Technologies: Supabase, PostgreSQL, React Native, Native Android, iOS

★ SKILLS

React Native React Node.js Supabase
PostgreSQL Firebase Cloudflare Unity
C# Swift Objective-C Kotlin Java
JavaScript Python iOS Android ASP.NET
ASP MVC Laravel MongoDB MeteorJS
Angular SQL REST GitHub JIRA Agile
Unit Testing Integration Testing HTML
CSS XAML Mockups

🔗 FIND ME ONLINE

LinkedIn

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♥ INTERESTS

Emotional intelligence

Multiplayer Game development

Native code

👛 EXPERIENCE

Magma

CTO

Istanbul

02/2022 – 07/2023

- Managed a team of developers to create over five applications, including the "100" app
- Wrote business requirements, assigned Jira tasks to team members and ensured timelines were met
- Created several hyper-casual games connected to the 100 app
- Interviewed and hired engineers, verifying they had the required skills

Evertteam

Software Engineer

Beirut

01/2019 – 09/2020

- Developed iOS/Android apps for the Lebanese government using native code, focusing on updates and bug fixes
- Managed CTS iOS messaging app development for Saudi Arabia's governmental entities, enhancing features and resolving issues
- Consulted with clients to define system requirements and project scope, ensuring functional and scalable solutions
- Orchestrated software deployments, integrated agile frameworks, and optimized performance through data modeling and testing
- Revised legacy code to conform with modern standards, reducing costs and improving application functionality
- Led cross-functional teams in app design, enhancing user engagement through immersive interfaces
- Produced comprehensive app documentation covering operations, capabilities, and features

Ideation Soft

Senior Mobile Developer

Beirut

02/2016 – 08/2018

- Built 10+ apps and games using native Android, iOS, and React Native
- Mentored junior developers in office policies and React Native implementation
- Managed project requirements and problem-solving to achieve objectives
- Designed unique games by creating graphics, audio, and AI elements
- Balanced gameplay for critical and commercial success
- Instructed developers on Swift for iOS app development

Executive Sky

Developer

Beirut

08/2014 – 12/2015

- Created an internal system application, Windows services and an internal mailing system using C# and XAML
- Built an internal flight-ticketing reservation system with ASP.NET MVC (C#)
- Worked on Avimal, "The Leading Charter Marketplace for Aviation Professionals" – AngularJS frontend, ASP.NET backend
- Planned and engineered RESTful web services to manipulate dynamic datasets
- Produced design mockups and prototypes to strengthen designs and improve site interactions
- Reviewed and debugged code, validated structures, and verified browser/device/OS compatibility



EDUCATION

Arab Open University

Bachelor of Science in Information
Technology and Computing

07/2012

GPA **3.3** / 4.0



PROJECTS

XR Workspaces

Personal project

A virtual and augmented reality meeting application made in Unity3D.

↗ [Demo video](#)

Secure Messenger

Evertteam

An application for the Ministry of Defense enabling Major Generals and officers to exchange encrypted messages, files, audio and pictures.

Technologies: Android / Native Java

AFFWE – Web & Mobile

Ideation Soft

Precious metals shop with a personal finance awareness system – web version plus a mobile companion app.

Technologies: Meteor, Angular, MongoDB, React Native

Wyld – Photo & Video Challenge

Ideation Soft

Social platform to share photos and videos, similar to TikTok.

Technologies: React Native

Life Happens Outdoors

Ideation Soft

Built from scratch: an app to search, locate and book local activity providers anywhere in the world. Providers create and manage their own free or paid activities and share their local knowledge with the global community.

Marrouche

Ideation Soft

Built from scratch: a native Android food delivery application for the famous restaurant Marrouche.

Smart Kids

Ideation Soft

A native Android application that changes how kids spend time on their mobiles and tablets.

↗ [Demo video](#)