

MOHAMMED ALTARHOUNI

Software engineer experienced in building modern, scalable digital products across web, mobile, and backend platforms.

Wrocław, Poland • +48880890847 • altarhonymohammed@gmail.com • [GitHub](#) • [Website](#) • [LinkedIn](#)

RELEVANT EXPERIENCE

Full-Stack Developer, 08/2021 - 12/2024

Masarat IT & Finance Services - Tripoli, Libya

- Designing and developing banking mobile applications for major Libyan banks
- Optimised the user experience and maintained the user interface, reducing user complaints by 15%.
- Discussing the technical specifications and guidelines with clients during live meetings
- Improved application speed by 25% and resolved critical bugs, maintaining a 99% app uptime

Mobile Banking Applications Delivered:

Masrafi Plus • MobiMal • MobiCash • Sahara Mobile • Masrafi Businesses • Sahara Corporate

Technical Intern, 02/2023 - 06/2023

Axiata Group

- Worked with Axiata's technical team on backend diagnostics and system optimization tasks.
- Contributed to maintenance and monitoring processes while continuing remote work with Masarat IT.

Data Migration Intern, 05/2022 - 06/2022

Al Rajhi Bank - Riyadh, Saudi Arabia

- Supported daily data migration operations and ensured consistency in transactional records.
- Gained exposure to banking IT infrastructure and operational data pipelines.

Lead Engineer, 07/2017 - 05/2021

Aman Bank - Tripoli, Libya

- Led IT operations and engineering projects using **Oracle Database, PL/SQL, Java**, and core systems admin tools; represented IT in executive meetings.
- Managed and supported **Oracle FLEXCUBE** core banking platforms, coached staff, and performed Oracle SQL data extraction, maintenance, and troubleshooting.
- Configured and maintained **VPNs, firewalls, and network security** infrastructure; conducted routine audits and vulnerability assessments.
- Partnered with international teams (**Oracle, Mastercard**) to upgrade and optimize banking systems and integrations.

Oracle Banking Consultant, 02/2019 - 01/2020

JMR Infotech - Tunis, Tunisia

- Contributed to AMAN Bank's transition to FLEXCUBE and Oracle Digital Banking in Arabic.
- Led user acceptance testing, systems integration, and banking payments migration.
- Coordinated with users and international teams, supported integration with ECC, RTGS, ACH, SWIFT, and provided training and QA support for Oracle banking systems.

EDUCATION

Master's degree: Computer Engineering, 2026

Wrocław University of Science and Technology - Wrocław - Poland

Bachelor of Engineering Science: Telecommunications Engineering, 05/2017

University of Tripoli - Tripoli - Libya

SKILLS

Programming Languages

JavaScript, TypeScript, Java, Python, Dart, Kotlin, Swift, SQL, PL/SQL, MATLAB

Libraries & Frameworks

React, Next.js, Angular, Node.js, Express.js, Flutter, Spring Boot, Socket.IO, Tailwind CSS, Zod, ASP.NET

Databases

Oracle, MySQL, MongoDB, PostgreSQL, Firebase

Tools & Platforms

Git, REST API Design, Swagger/OpenAPI, Appwrite, Google Gemini API

SELECTED PROJECTS

MobiMal—Mobile Banking App (1M+ users, 4.6★)

Secure banking app for NCB with transfers, cards, wallets, telecom payments, and account management.

Tech: Flutter, REST APIs, Firebase, BLoC, Fluro.

UniBot—AI Chatbot Platform

Full stack chatbot with real-time messaging, prompt management, and multilingual support for universities.

Tech: Next.js, Node.js, Socket.IO, MongoDB (Typegoose), JWT, Tailwind, Gemini API.

FoodApp—Sushi Bar Ordering System

Angular + Spring Boot web platform for ordering, table reservations, payments, and admin dashboards.

Tech: Angular 17, NgRx, Stripe, Spring Boot, H2, Swagger, and Appwrite.

INTERESTS

Web accessibility, rock climbing, snowboarding, scuba diving, science fiction & fantasy novels, The Legend of Zelda: Breath of the Wild & Tears of the Kingdom