

# MOHAMMAD OTAQI

## SOFTWARE ENGINEER

### CONTACT

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Amman, Jordan

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### SUMMARY

Software Engineer specializing in mobile and web development with Flutter, React, Node.js, and Firebase, plus C#/.NET backend. Built SWIFT messaging components (Swift Suite) with .NET Core, IKVM, SQL and React dashboards; delivered market data readers and connector integrations. Google-certified in IT Support and Project Management, proven in shipping scalable apps, coordinating projects, and solving complex problems. Passionate about continuous learning and driving innovation in software development.

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### EDUCATION

#### Al Hussein Technical University (HTU)

Oct 2021-July 2025

- Bachelor in Computer Science
- GPA: Excellent

#### Jubilee Institute

- Organized Sports Day event as part of school leadership activities.
- Participated in Line Robotics Competition (5th place).
- Engaged in extracurricular activities including Model United Nations (MUN) and volunteering programs.

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### PROFESSIONAL EXPERIENCE

#### Software Developer - Zagtrader

September 2025 - Present

- Developing programs using C#, .net
- Built Swift Suite(Monitor, Engine, Bridge) Using(C#, .NET, React, IKVM) - SWIFT messaging platform for MT54x securities settlement
- Developed Swift\_Engine components: Message Reader, Validator, Builder, Archiver
- Created WatchList Dashboard (React) - real-time market data visualization
- Developed CMC MDF Reader (C#, SQL Server) - Commodities & Indices data feed
- Analyzed ZagTraderConnector integrations and database architecture

#### Flutter & Mobile Application Developer - Lightning Gate (JPECO)

July 2024 - March 2025

- Developed and maintained mobile applications using Flutter & Firebase, ensuring stability and scalability.
- Partnered with developers and designers to implement features and fix bugs, improving user experience and app reliability.

#### Technical Support System Controller

November 2021 - July 2024

- Managed IT systems and coordinated technical support for student events and activities.
- Led technical operations for large-scale events, including MACH1 with AreoSquad at King's Academy.

#### Esports Staff — Jordan Esports Federation (JEF/JEG)

July 2023 - May 2025

- Provided IT support and served as a referee during official esports tournaments.
- Ensured smooth execution of competitive events by managing technical infrastructure.

#### Technical Support and Web Development at HTU OLC

June 2023 - Oct 2023

- Contributed to the HTUx platform, drafting user manuals and technical documentation to streamline onboarding.
- Delivered IT support to staff, reducing issue resolution time and improving workflow continuity.

# SKILLS

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## Technical Skills:

- Programming: Flutter, Firebase, React, Python, Java, C, C#, Node.js, JavaScript, HTML/CSS, .net, TypeScript.
- Software Engineering: Algorithms, Data Structures, OOP, Computer Architecture, Operating Systems
- Data & Analytics: SQL, Excel, Tableau, Power BI, NumPy, pandas
- Tools & Platforms: Git/GitHub, VS Code, Android Studio, Linux/Unix, Figama, Justinmind, Adalo
- IT Support: Troubleshooting, Networking basics, Documentation, System Maintenance

## Professional & Soft Skills

- Problem Solving & Critical Thinking
- Time Management & Organization
- Leadership & Teamwork
- Communication (Tech & Non-Tech)
- Project Coordination & Multitasking
- Adaptability & Flexibility
- Curiosity & Continuous Learning
- Analytical Thinking & Decision-Making
- Conflict Resolution & Negotiation
- Client & User Support

## Languages:

- Arabic — Native
- English — Fluent (C1)
- French — Beginner (Delf A1)

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## LEADERSHIP & VOLUNTEERING

- ACM Treasurer & IT Support — Managed finances and maintained IT systems.
- GDVC IT Support — Provided event support; awarded Best Member (2024).
- Students Deanship Volunteer — Supported campus-wide student initiatives.
- Jubilee Institute — Organized sports day; earned 5th place in Line Robotics.
- Volunteered with MUN, Run Jordan, and other community events.

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## CERTIFICATIONS & AWARDS

- Google (Coursera): IT Support (2023), Project Management (2023)
- DataCamp: Python, NumPy, pandas, Data Manipulation with pandas
- Award: Best Member — GDVC (2024)
- Top 24 Finalist — Ahli Fintech Hackathon (2025)
- 7<sup>th</sup> Place — Tech 3arabi Hackathon(2025)

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## INTERESTS

- Artificial Intelligence & Machine Learning
- Augmented & Virtual Reality (AR/VR)
- Game Development
- Computer Architecture
- Hackathons & Tech Competitions

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## PROJECTS

**MedGuard** — Health Vitals Companion (Graduation Project, Prototype) | Flutter, Firebase (Auth/Firestore), BLE

- Built a mobile app that lets a Care Receiver share vitals (heart rate, SpO<sub>2</sub>, stress) with a Carer in real time via Firestore.
- Implemented email/password auth with password reset and role-based views (Care Receiver / Carer).
- Added optional BLE heart-rate read (GATT 0x180D/0x2A37) and a mock device scan flow.
- Created Emergency Tips with a timer depending on the case and quick map launcher for location.
- Structured code with screens/widgets, state via provider; documented setup, permissions, and Firebase rules.

**MOT GamersConnect** — Multi-Platform Gaming Community App | Flutter, React, Node.js, Express, MongoDB, Firebase, Socket.IO

- Built a cross-platform ecosystem (mobile + web) enabling gamers to discover teams, connect, and coordinate sessions.
- Mobile (Flutter + Firebase): Implemented smart player matching, real-time chat with push notifications, and customizable profiles with game preferences and media storage.
- Web (React + Node.js): Developed community platform with authentication, role-based access, and real-time messaging (Socket.IO).
- Designed and secured REST APIs, integrated Firebase Auth & Firestore rules, and optimized for scalability and offline use.
- Delivered modern, responsive UI with Material UI, animations, and dark theme.
- Documented system architecture and deployment configs; roadmap includes voice chat, tournaments, and analytics.