

Mohammad Zgoul

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SUMMARY

Software Engineer with expertise in Flutter, Dart, state management, and building user-focused applications. Created various projects using Firebase and APIs.

EDUCATION

The Hashemite University	2020 - 2025
<i>Bachelor of Mechatronics Engineering</i>	<i>GPA: 3.58/4.0 (Excellent)</i>
IBM & Coursera	2022 - 2023
<i>Data Science Specialization</i>	<i>Online</i>

SKILLS

Mobile Development: Flutter, Riverpod, Provider, Firebase, Clean Architecture, GoRouter
Programming Languages: Dart, Python, C++, JavaScript, Typescript, C#
Developer Tools: Git, Docker, VS Code
Core Competencies: Persuasive Communication, Leadership, Problem-Solving, Project Planning

PROJECTS

Aoun - Health AI Assistant <i>Flutter, Riverpod, Firebase, Gemini API</i>	Jul 2024 – Present
<ul style="list-style-type: none">Architected a production-ready Flutter application with clean architecture, integrating Gemini API for intelligent health assistance.Implemented real-time chat functionality using Firebase and Riverpod state management, with optimized caching.Designed a seamless UI/UX with Hero animations, enhancing user engagement.	
SimTraI Landing Page <i>Flutter Web, Firebase</i> simtrai.com	Aug 2024
<ul style="list-style-type: none">Developed a responsive landing page using Flutter Web to validate market interest for the SimTraI virtual fitting room solution.Integrated Firebase Analytics and Firestore to track user engagement and manage waitlist registrations.Deployed the website using GitHub Pages with custom domain configuration and SSL security.	
Trivioso - Quiz App <i>Flutter, Riverpod, Open Trivia DB API</i>	Jan 2024 – Feb 2024
<ul style="list-style-type: none">Developed a Flutter-based quiz app with clean architecture and Riverpod for scalable state management.Integrated Open Trivia DB API with robust error handling, ensuring smooth gameplay.Designed responsive UI components following Material Design guidelines, improving user experience across devices.	

EXPERIENCE

Data Science Intern	Mar 2023 – Jun 2023
<i>SHAI for AI</i>	<i>Amman</i>
<ul style="list-style-type: none">Developed machine learning models for customer churn prediction, achieving 89% accuracy through optimized data pipelines.Automated and optimized data preprocessing workflows in Python, improving efficiency in handling large-scale datasets.Created interactive visualization dashboards using Matplotlib and Pandas, enabling data-driven decision-making for stakeholders.	
Fabrication Engineer Intern	Jul 2022 – Nov 2022
<i>Orange Jordan</i>	<i>Amman</i>
<ul style="list-style-type: none">Prototyped assistive smart glasses for the visually impaired, integrating text-to-speech technology.Utilized Fusion360 for 3D modeling and iterated based on user feedback, enhancing usability.Secured 1st place in the Tech for Good competition by delivering an innovative solution and compelling presentation.	