

MAHMOUD AL-ESAWI

Full-Stack Software Engineer

Amman, Jordan | +962 779 558 033 | Esawi@ieee.org | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

■ **Top 10 Most Active GitHub Users in Jordan**

PROFILE

Full-stack engineer with hands-on delivery across two ecosystems: **.NET / Azure** (production internship — REST APIs, CI/CD, cloud deployment) and **MERN** (React, Node.js, MongoDB — award-winning platform). Shipped two complete platforms from schema to deployment during undergraduate studies; ranked Top 10 most active GitHub users in Jordan. IEEE CS TTU chapter Chairman. Fluent in Arabic and English.

EDUCATION

B.Sc. Computer Engineering graduated at Jun 2026

Tafila Technical University, Jordan

TECHNICAL SKILLS

MERN STACK

React 18 · Node.js · Express.js · MongoDB · Mongoose · REST APIs

.NET STACK

ASP.NET Core 9 · C# · .NET 9 · Entity Framework Core · Clean Architecture · SOLID

FRONTEND

Angular 18 · TypeScript · RxJS · Angular Material · HTML5 · SCSS · TailwindCSS

DATA

SQL Server · T-SQL · MongoDB · MySQL

CLOUD & DEVOPS

Azure App Service · Azure SQL · Docker · GitHub Actions CI/CD · Firebase Hosting

AI & INTEGR.

Google Gemini API · SignalR · Socket.io · JWT / RBAC

LANGUAGES

Arabic — Native · English — Professional

PROFESSIONAL EXPERIENCE

Full-Stack Engineer Trainee Jun — Oct 2025

Princess Sumaya University for Technology · Amman · Full-time residency

- **Eliminated ~10 manual release steps to zero** — built GitHub Actions CI/CD pipeline automating build, test, and deploy to Azure App Service in under 5 minutes.
- **Delivered production-ready 2-sided marketplace in 4 months** — .NET 9 / ASP.NET Core backend across 4 Clean Architecture layers, each independently testable.
- **Secured 30+ API endpoints** with JWT-based RBAC (3 user roles) via centralised auth middleware; kept avg. response times under 200 ms on Azure SQL.

.NET Developer Intern Jun — Sep 2025

Future Pack Group · Amman · Part-time, on-site

- **Improved maintainability** of 3 high-traffic service classes by refactoring to SOLID principles, measurably reducing cyclomatic complexity per method.

PC Builder & Hardware Technician 2019 — May 2021

City Center Computer · Amman

- Assembled and delivered custom PC builds to client specification, building a practical foundation in hardware-software integration.

ENGINEERING PROJECTS

Mooneh.ai — AI-Powered Grocery Platform

MERN Stack (Node.js · React · MongoDB) · Socket.io · Google Gemini API · TailwindCSS

- **Won 1st Place — Best Graduation Project (2025/26)** among all engineering departments at Tafila Technical University.
- **Reduced grocery list creation to seconds** — Gemini multimodal vision analyses uploaded fridge photos and auto-generates a structured shopping list.
- **Delivered sub-100 ms order notifications** on the admin dashboard by replacing HTTP polling with Socket.io WebSockets.
- **Kept client-side payload under 80 KB** by building the dual interface (storefront + admin) in framework-less Vanilla JS, eliminating framework overhead.

The Assemblers — Home Services Marketplace

ASP.NET Core 9 · Angular 18 · EF Core · SQL Server · Azure App Service · Docker · GitHub Actions

- **Zero-polling real-time communication** between providers and customers via SignalR WebSocket on .NET 9 API.
- **Near-zero service coupling** — 4 Clean Architecture layers, each depending only on abstractions, not concrete implementations.
- **Fully responsive Angular 18 SPA** with RxJS reactive state management and Angular Material component library.
- **Complete audit trail** via 6-entity SQL Server schema with soft-delete and automatic timestamps on every state change.

AWARDS

1st Place — Best Graduation Project Award

College of Engineering, Tafila Technical University (TTU) · Jun 2026

Awarded 1st place among all engineering graduation projects across all departments for co-developing Mooneh.ai

Finalist — Top 3, Fintech Rally 2025

Jordan Payments & Clearing Company (JoPACC) · Jul 2025

Reached top 3 finalists among all competing teams, recognised for innovation in financial technology solutions.

CERTIFICATIONS

- **IBM Full Stack Software Developer Professional Certificate** · IBM / Coursera
15-course series covering React, Node.js, MongoDB, Docker, Kubernetes, OpenShift, Django, Microservices, Serverless, CI/CD, and Generative AI. ACE® & FIBAA recommended — up to 18 college credits / 6 ECTS.
- **IEEEXtreme 19.0 Programming Competition** · IEEE
- **Start Writing Prompts like a Pro** · Google
- **Industrial Networking Essentials** · Cisco Networking Academy · Jan 2026

LEADERSHIP & COMMUNITY

Chairman (prev. PR Manager → Volunteer) Jun 2024 – Present

IEEE Computer Society – TTU

- **Scaled chapter to 4+ technical events and hackathons per year** by leading a committee of 13 students across planning, logistics, and execution.

Vice-Chair & Programme Team Leader Jan – May 2025

IEEE IMPACT 2025 Conference

Delivered the Middle East's first VR-focused technical conference — co-led a 15-person committee, coordinated 3 speaker tracks, owned the full technical programme.