

Mohamed Hassan

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LinkedIn | GitHub | Download Resume (PDF)

Professional Summary

Computer Engineering graduate and current **Full Stack .NET & Generative AI** Fellow at ITI. Transitioning from a strong background in Embedded Systems and IT to professional Web Development. Focused on building scalable, responsive web applications using modern .NET technologies and Angular.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular, Tailwind CSS, Bootstrap, Responsive Design

Backend & DB: C#, SQL Server, Node.js (Basic), RESTful APIs

Engineering Foundations: Data Structures, OOP, Systems Analysis, Linux, Networking Fundamentals

Tools & AI: GitHub/Git, Docker, Generative AI Prompting, Python (ML Background)

Education

Information Technology Institute (ITI) Nov 2025 – Present
Full Stack .NET & Generative AI Intensive Program, Ismailia, Egypt

- Mastering end-to-end web development including Angular, C#, and Database management.

Suez Canal University 2019 – 2024
Bachelor of Computer Engineering (EQF Level 6), Ismailia, Egypt

Key Projects

Interactive Quiz System (Exam Project) | JavaScript, HTML5, CSS3, Tailwind 2025

- Online exam platform with authentication, timed exams, and auto grading.
- Uses Local + Session Storage as backend simulation; dynamic UI with animations.

Personal Portfolio Website | HTML, CSS, Tailwind, JavaScript 2025

- Responsive design showcasing projects, skills, and contact info.
- Live demo: Portfolio Link

ADAS Graduation Project | Embedded C, AI, Raspberry Pi 2024

- Real-time object detection and mobile app for vehicle data visualization.

Certifications & Training

CS50: Introduction to Computer Science – Harvard/ITI 2024

IT Technical Support (Linux, Networking, SysAdmin) – Creativa 2024

Data Science Bootcamp – Creativa 2024