MAZEN AHMED MOHAMED

Software Engineer | Front-End Web Developer

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LinkedIn | Portfolio | GitHub

SUMMARY

Detail-oriented Computer Science graduate with hands-on expertise in modern front-end development, specializing in Angular, TypeScript, and Tailwind CSS. Graduate of the Digital Egypt Pioneers Initiative (DEPI), experienced in architecting dynamic, responsive web applications and building user interfaces grounded in solid software engineering fundamentals and AI literacy. Eager to apply strong problem-solving and self-learning skills to deliver impactful, user-focused solutions within collaborative, fast-paced engineering teams.

TECHNICAL SKILLS

Languages & Core Web: HTML5, CSS3, JavaScript (ES6+), TypeScript

Frameworks & Libraries: Angular (up to v21), Bootstrap, Tailwind CSS

AI & Data: Machine Learning fundamentals, Natural Language Processing (NLP), Computer Vision basics, Python

UI/UX & Design: Figma, Responsive Web Design, Cross-Browser Compatibility

Soft Skills: Teamwork & Collaboration, Problem Solving, Time Management, Self-Learning

EXPERIENCE

Freelance Front-End Developer — Independent

August 2025 – present

- Designed and developed dynamic, scalable, and responsive web applications for various clients by translating complex UI/UX requirements into reusable Angular components.
- Engineered seamless REST API integrations to connect front-end interfaces with back-end services, ensuring robust functionality and optimized data flow.
- Implemented modern UI styling workflows utilizing Tailwind CSS and PrimeNG to guarantee cross-browser compatibility, mobile responsiveness, and high-quality user experiences

Front-End Trainee — Digital Egypt Pioneers Initiative (DEPI)

June 2025 – January 2026

- Completed an intensive, project-based training track in advanced front-end development using Angular, reinforcing component architecture, routing, and state management best practices.
- Built dynamic, responsive web applications by translating UI requirements into reusable Angular components and TypeScript services under guided, real-world project conditions.
- Practiced modern UI styling workflows using Tailwind CSS and Bootstrap to ensure cross-device responsiveness and consistent design systems.

AI Trainee — Microsoft @ Future Academy

May 2025 – July 2025

- Developed foundational proficiency in Machine Learning, Computer Vision, and Natural Language Processing through applied coursework and guided labs.
- Built and evaluated simple AI models in Python, leveraging Microsoft Azure AI services to explore real-world application scenarios.
- Collaborated with peers to translate AI concepts into practical demonstrations, strengthening cross-disciplinary technical communication.

Front-End Intern — CIB Bank (Online)

June 2024 – August 2024

- Completed intensive front-end development training using the Angular framework within a structured, mentor-led corporate program.
- Contributed to hands-on projects simulating real-world banking applications, gaining exposure to component-based UI architecture and form validation.

PROJECTS

Global Science Web Platform & Admin Dashboard
Freelance Job – Oct 2025

- Developed a fully integrated web platform and secure administrative dashboard for the medical and scientific equipment sector using Vanilla JavaScript, HTML5, and CSS3.
- Engineered robust front-end logic to natively consume RESTful APIs, facilitating real-time data flow for content management and complex dashboard operations.
- Implemented a polished, cross-browser compatible UI/UX , optimizing DOM manipulation for high rendering performance and seamless navigation across all devices.

AR Indoor Navigation System
Graduation Project – Defended June 2026

- Architected an augmented reality indoor navigation and localization system using Unity 6 and AR Foundation to deliver real-time, in-building wayfinding.
- Implemented core positioning logic with Wi-Fi Fingerprinting technology to accurately estimate user location without GPS dependency.
- Partnered closely with a back-end developer to design seamless data integration between the navigation engine and supporting services.

Benaa E-commerce Platform
In Progress – Started June 2026

- Developing a technical marketplace platform for construction and plumbing supplies, built with Angular to support scalable merchant-customer interactions.
- Implementing complex merchant-customer flows and fully responsive UI components to ensure a seamless experience across devices.

BusTrack
DEPI (MCIT) Graduation Project

- Team Leader: Directed a cross-functional team to design and build the front-end UI for a real-time bus tracking initiative as the capstone project for the Ministry of Communications and Information Technology scholarship.
- Took ownership of dedicated front-end architecture and responsibilities, delivering a smooth, intuitive user experience from concept through implementation.
- Managed project workflows, delegated tasks, and coordinated UI integration to ensure a successful and cohesive final product.

EDUCATION

Bachelor's Degree in Computer Science
Graduated: June 2026

Faculty of Computers and Information, Future Academy, Egypt

Ministry of Communications and Information Technology (MCIT) Scholarship

Digital Egypt Pioneers Initiative (DEPI) — Angular Track