

AHMED SAMEH ELABD

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SUMMARY

Front-End Developer specializing in building scalable, responsive interfaces with Angular and TypeScript. Passionate about modern UI architecture and best practices that ensure maintainability, performance, and an exceptional user experience. Committed to thinking from the user's perspective, creating intuitive and accessible applications. Proven ability to deliver front-end solutions from concept to deployment. Always eager for continuous learning.

EDUCATION

Modern Academy

Bachelor of Computer Science

Sep 2019 – Jun 2023

EXPERIENCE

National Telecommunication Institute (NTI)

May 2025 — Jul 2025

MEAN Stack Developer (Trainee)

- Completed 180-hour training focused on full-stack web development (Angular, Node.js, Express, MongoDB).
- Applied lazy loading in Angular modules to optimize application performance, a technique that can achieve (10%–40%) faster initial load times.
- Delivered production-ready web apps through collaborative, agile-based workflows and code reviews.

PROJECTS

VIX – E-Commerce Web Application | *Angular, TypeScript, Node.js, Express.js, MongoDB*

Jul 2025

- Built a full-stack e-commerce platform with a responsive UI, JWT authentication, and an admin dashboard for managing products.
- Utilized RxJS for state management and data fetching, creating a reactive user experience and efficient data flow between components.
- Designed and developed RESTful APIs (15+ endpoints) to handle all operations for products, users, and orders.
- [GitHub \(Frontend\)](#) [GitHub \(Backend\)](#)

Dynamic Portfolio Website | *Angular, TypeScript, Node.js, Express.js, MongoDB*

Jun 2025

- Developed a dynamic single-page portfolio with modular, content-managed sections and real-time updates through a secure admin dashboard.
- Implemented Angular's Template-Driven Forms with custom backend endpoints to handle all CRUD operations for portfolio data and admin control.
- Utilized Angular services and dependency injection to maintain a scalable and maintainable architecture.
- [GitHub \(Frontend\)](#) [GitHub \(Backend\)](#)

Parking Management System | *Angular, TypeScript, Bootstrap, REST API* | [Live Demo](#)

Aug 2025

- Built a web application to manage parking spot inventory across multiple sites, buildings, and floors.
- Implemented reactive data handling with RxJS to synchronize parking availability and client information in real time.
- Integrated a RESTful API (5+ endpoints) to handle all parking spots inventory operations and client data.
- [GitHub](#)

SKILLS

Technical Skills

- **Frontend Development:** Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap, SASS/SCSS, Responsive Design
- **State Management:** RxJS, Redux.js
- **Backend Development:** Node.js, Express.js
- **Database:** MongoDB, Mongoose
- **Tools & Methods:** Git, GitHub, RESTful APIs, CI/CD, Debugging
- **Software Engineering:** Agile/Scrum, OOP, Algorithms, Data Structures

Interpersonal Skills: Problem-Solving, Teamwork, Communication Skills