

## **NOUR MAMDOUH**

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### **OBJECTIVE**

Third-year Information Technology student at New Cairo Technological University with hands-on experience in **front-end development (React & Angular)** and **UI/UX design**. Currently learning **.NET development** with the goal of becoming a **Full Stack Developer**. Passionate about building scalable web applications and delivering user-friendly digital solutions.

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### **EDUCATION**

#### **New Cairo Technological University**

*Bachelor of Information Technology*

Expected Graduation: September 2027

**Relevant Coursework:** Web Development, Databases, Software Engineering

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### **EXPERIENCE**

#### **Frontend Developer Intern**

*Prospera Systems, Egypt*

July 2024 – August 2024

- - Collaborated closely with senior developers and designers on web projects.
  - - Built and styled responsive layouts using HTML, CSS, and JavaScript.
  - - Assisted in testing and optimizing front-end code.
  - - Received mentorship on best practices.
  - [Letter of Compilation](#)
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#### **KidZania Instructor**

*KidZania Egypt*

Jun 2025 – sept 2025

- Communication Skills
- Public speaking / presentation
- Teamwork and Collaboration

- Time Management
  - Decision making
  - Adaptability
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## PROJECTS :

### Prime Care – Medical Management System

**Role:** UI/UX Designer & Frontend Developer

**Project Type:** Mobile Application & Web App

A web-based medical system developed to manage patient records, prescriptions, and healthcare services efficiently.

The system includes separate modules for patients, doctors, and admins, and ensures secure data handling using **SQL Server**.

I worked on the **frontend using Angular**, the **backend using ASP.NET Core**, and integrated **Redis** for optimized performance.

A **Groq-powered chatbot** was also included to assist users in navigating the platform.

- *Project Links: [LinkedIn](#) | [Behance](#).*
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### Smart Comfort – Assistive Smart Wheelchair App

**Role:** UI/UX Designer & Concept Owner

**Project Type:** Mobile Application

#### Description:

Smart Comfort is a mobile application designed to assist individuals with special needs by integrating smart wheelchair tracking and monitoring. The app allows users to:

- View the battery level of their smart wheelchair
- Monitor physical impacts (e.g., collisions or shocks)
- Track the wheelchair's real-time location on a map
- Access essential status updates and smart features

I was responsible for developing the core idea of the project and designing the full user interface using **Figma**. The design focuses on **accessibility, simplicity, and clarity** to ensure ease of use for all users, especially those with mobility challenges.

- *Project Links: [LinkedIn](#) | [Behance](#).*
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## Project: CRM System (Tagom)

**Duration:** 2025

**Technologies:** Angular 17, TypeScript, Node.js (REST API), ASP.NET Core, SQL Server, HTML, SCSS, JWT Authentication, Responsive UI

### Description:

Tagom CRM System is a complete customer relationship management platform built to streamline client management, authentication, and data tracking for business teams. The system allows admins and sales teams to manage customer data, perform quick lookups, and securely authenticate users via backend session cookies.

### Key Features:

- **Authentication System:** Secure login/logout flow using ASP.NET Core API with JWT and HTTP-only cookies.
- **Customer Management Module:**
  - Search existing customers by phone number or email.
  - Add new customers manually through a dynamic reactive form.
  - Real-time validation and clean UI using Angular Reactive Forms.
- **Dashboard Interface:**
  - Role-based routing and redirection (Admin / User).
  - Fully responsive layout built with SCSS and modern Angular components.
- **Environment Configuration:**
  - Dynamic API base URLs via Angular environment setup for dev/prod.
- **Integration:**
  - Connected front-end Angular app to backend APIs using HttpClient and environment variables.
  - AuthService for maintaining user sessions and clearing cookies on logout.

### My Role:

- Designed and implemented the front-end architecture using Angular.
  - Built the authentication and authorization flow integrated with backend APIs.
  - Developed the **Customers Page** (search + add new customer form).
  - Created the **Dashboard Component** with dynamic role-based navigation.
  - Handled environment setup, services structure, and modular routing.
  - Focused on writing clean, maintainable TypeScript and SCSS code.
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## **SKILLS**

- **Frontend:** React.js, Angular, HTML, CSS, JavaScript
  - **Backend (Learning):** .NET, ASP.NET Core, SQL Server
  - **Design Tools:** Figma
  - **Soft Skills:** Teamwork, Adaptability, Communication, Problem-Solving
  - **Version Control:** Git, GitHub
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## **CERTIFICATIONS AND COURSES**

CIS UI/UX Design Course.