

# MAHMOUD MAGDY TAGHIAN

Giza, Egypt

**Mobile:** +201031295851

**Military status:** Completed

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## PROFILE

Ambitious and dedicated professional in the field of software development with experience in Angular, ReactJS, Node.JS. Passionate about learning modern technologies and developing innovative and practical solutions. Possesses strong teamwork skills and the ability to achieve goals within tight deadlines.

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## EDUCATION

**Bachelor's degree in Computer science,**

**Modern Academy Maadi, Cairo – Graduation year 2021**

**Evaluation:** Good.

## INTERNSHIPS

**Full Stack Development using MEARN,**

**Information Technology Institute [ITI], March 2025 – July 2025**

- Successfully completed a 4-Month Intensive Code Camp [ICC] Program.
- Focused in full stack web development using JavaScript programming, Front-End Web Development, Angular, React, Next.js, Node.js and Mongo DB.

## COURSES ATTENDED

- **Full Stack Web Development Diploma [Route].**
- **Other Online Platforms-**Took self-paced courses on [maharatech] in areas such as [Web Development – Programming –Database].

## PROJECTS

### Graduation Project: O-Pharmacy

O-pharmacy is a web app that helps you to order from pharmacies based on availability and location, users can create accounts, log in and verify their accounts using e-mail, they can search for the medicine, add the required medicine, make a request then the request will be sent automatically to multiple pharmacies based on the geographical location (in specific range), once a pharmacy accepts the request, it will be cancelled from all the other pharmacies and delivered to the customer.

Developed using:

• Backend (Node.js): Express.js • Frontend (Angular), Bootstrap 5 for responsive UI • Database: Mongo DB • Real-Time Communication: Socket.io

Final Evaluation: Excellent.

### E-commerce Web Application – Full Stack Project

Developed a fully functional e-commerce platform with product listing, filtering, cart functionality, authentication, and admin product management. Built using a modular architecture with clean separation between frontend and backend responsibilities.

Developed using:

• Frontend (Angular 17): Bootstrap 5 for responsive UI, Component-based architecture (Smart/Dumb separation) • Backend (Node.js): Express.js with modular routing and controller structure. • Database: Mongo DB Atlas.

### Examination System

An examination system designed for educational institutions such as schools, universities, and training centers. It supports various question types such as multiple-choice (MCQ) and essay questions. The system includes automatic grading for objective questions, with results displayed directly to the student upon completing the exam. It also features a login system, an exam timer, and student performance analysis after completion.

Developed using:

• ES6 • HTML5 • CSS3 • JSON.

### **ITI Final Project: Ktaby - Local book Swapping Platform**

Ktaby is a community-driven book swapping web application that enables users to exchange books based on interest and availability in their local area. The platform encourages reading and reduces book waste by promoting direct user-to-user exchange.

Developed using:

• Frontend: React.js, Tailwind CSS, React Router • Backend (Node.js): Express.js • Database: MongoDB Atlas • Cloudinary for image storage and management • Real-Time Communication: Socket.io.

### **TECHNICAL SKILLS**

#### **THE ABILITY TO PERFORM THE FOLLOWING:**

**Front-End Development:** • HTML, HTML5 • CSS, CSS3 • JavaScript • ES6 • TypeScript  
• jQuery • Bootstrap • Tailwind CSS • Angular • React • Next.js  
• Progressive Web Apps (PWAs).

**Back-End Development:** • Node.js • Express.js • NestJS • MongoDB • SQL.

**Programming Languages:** • Java SE • C++ • Python.

**Software Engineering Concepts:** • Object-Oriented Programming (OOP) • Data Structures • Design Patterns.

**Tools & Platforms:** • Git & GitHub (DVCS) • Docker.

### **INTERPERSONAL SKILLS**

- Concerned with quality, produce work that is orderly and attractive.
- Willing to try new things and interested in improving efficiency on assigned tasks.
- Able to get along well with co-workers and accept supervision.
- Effective time management and able to work independently and productively.
- Ambitious, outgoing, reliable and have solid work ethics.
- Self-motivated, enjoy challenges and eager to learn.

### **LANGUAGES**

**Arabic:** Mother Tongue.

**English:** Intermediate.

**German:** Novice.