

Abdelrahman Megahed

Software Engineering Intern

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EDUCATION

Suez Canal University

Bachelor of Computers & Information, Major in Computer Science

Ismailia, Egypt

Aug 2023 – Jul 2027

– **Relevant Coursework:** Algorithms, Data Structures, Object-Oriented Programming (OOP), Databases, Networks

SKILLS

Programming Languages: C#, JavaScript (ES6+), TypeScript, HTML5, CSS3, C++, SQL

Frameworks & Libraries: .NET, ASP.NET MVC, React.js, Tailwind CSS, Zustand, Bootstrap

Tools & Platforms: Git, GitHub, Vite, npm, Figma, Linux

CS Fundamentals: Data Structures, Algorithms, OOP, RESTful APIs, State Management, Responsive Design

PROJECTS

Care Connect | *React, TypeScript, Zustand, Tailwind CSS, Vite*

- Architected a scalable telemedicine platform connecting patients and healthcare providers, facilitating seamless remote consultations and scheduled appointments.
- Developed secure, role-based portals (Patient, Doctor, Admin) equipped with JWT authentication and customized dashboard analytics.
- Integrated the MyHealthfinder REST API to dynamically fetch and display real-time healthcare resources and topics.
- Managed application state globally using Zustand, ensuring optimized DOM re-renders and robust data propagation across components.

YouTube Speed Keys | *JavaScript, HTML, CSS, Chrome Extensions API*

- Engineered a cross-browser extension (published on Mozilla Add-ons) empowering users with granular YouTube playback speed control via custom keyboard shortcuts.
- Designed a lightweight, permission-less architecture utilizing Manifest V3 content scripts and message passing for secure DOM manipulation.

EXPERIENCE

Information Technology Institute (ITI)

Backend Developer Trainee (.NET & MVC)

Ismailia, Egypt

Jul 2026 – Aug 2026

- Architected and developed scalable backend services utilizing C#, .NET, and the MVC design pattern to support high-performance web applications.
- Designed and integrated RESTful APIs, optimizing data retrieval and persistence across relational databases.
- Implemented secure authentication flows, robust data validation, and adhered to enterprise-level coding standards.

Depi Egypt

Front-End Developer Trainee (React Track)

Remote

Jul 2025 – Dec 2025

- Engineered responsive web applications utilizing React and TypeScript to deliver seamless user experiences.
- Implemented comprehensive version control workflows utilizing Git/GitHub for reliable deployment processes.
- Collaborated on a capstone project involving end-to-end React frontend development, ensuring strict adherence to web accessibility standards and UI/UX best practices.

Information Technology Institute (ITI)

Front-End Trainee (React.js)

Ismailia, Egypt

Jun 2025 – Aug 2025

- Developed interactive, single-page web applications utilizing React.js, Tailwind CSS, and modern JavaScript (ES6+).
- Constructed reusable UI components and managed persistent application state utilizing React Hooks and LocalStorage.
- Practiced Agile development methodologies and efficient code collaboration via Git and GitHub in a fast-paced team environment.