# **Mohamed Zaher Eldeeb**

## Software Engineer

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**GitHub:** https://github.com/mohameddzaher

## **PROFILE:**

Innovative Software Engineer specializing in Full-Stack Web development with expertise in building scalable, high-performance web applications using Node.js for backend development and modern javascript frameworks for the front end. Equipped with a strong foundation in C++, object-oriented programming (OOP), data structures, and algorithms, with proven expertise in translating client requirements into efficient, impactful solutions.

Passionate about creating seamless user experiences and optimizing application performance while continuously learning and mastering emerging technologies.

Committed to staying updated with the latest industry trends and fostering ongoing professional growth.

# EDUCATION:

# **Bachelor of Computer Science**

2018 - 2023

Faculty of Computer Science, Modern Academy Elmaadi.

Grade: Good

Graduation Project : Ezraa Application and website − Ezraa-App Ø

**Graduation Project Grade:** Excellent (A+)

#### **EXPERIENCE:**

## **Software Engineering Instructor**

Jan 2025 – Present

Cairo Coding School - Part-time

- Delivered a comprehensive Programming Fundamentals course using C++, covering data types, OOP, algorithms, data structures, and SOLID principles.
- Mentored students through coding contests, practical projects, and problem-solving tasks to strengthen programming skills and hands-on experience.

## **Web Development Instructor**

Nov 2024 - Jan 2025

Vip Education Center

- Conducted comprehensive sessions on Web Development fundamentals for CS students at Modern Academy, covering key topics such as Web Basics, HTTP, HTML, CSS, JavaScript, and Backend Lifecycle with practical, exampledriven teaching methods.
- Designed and delivered interactive lessons, enhancing communication and presentation skills while earning excellent feedback for clear, engaging, and student-focused content.

# **Software Engineer, Business Developer**

Mar 2024 - Dec 2024

DocTabs: Clinic System Management

- Initiated the DocTabs project, developed and executed a strategic marketing plan, and conducted meetings with over 100 doctors, securing 60% interest in adopting the system.
- Improved clinic operations by streamlining patient management, scheduling, and financial tracking, leading to increased system adoption and growth.

# **Freelancer Software Engineer**

Jan 2024 - Present

- Collaborated with clients to design, optimize, and maintain tailored software solutions, ensuring scalability and high performance.
- Delivered clean, efficient code while troubleshooting and resolving issues to meet client's business requirements.

## **SKILLS:**

Front-end: JavaScript (ES6+), TypeScript, React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS

Back-end: Node.js, Express.js, RESTful API, MongoDB, MySQL, Firebase, C++

Tools and Methodologies: Git, GitHub, Postman, MongoDB Atlas, VS Code, Agile Methodologies

#### **SOFT SKILLS:**

Leadership | Communication Skills | Team Collaboration | Time Management | Problem-Solving | Adaptability Critical Thinking | Presentation Skills | Attention to detail | Decision Making | Continuous Learning

#### **PUBLIC SPEAKING & TEACHING EXPERIENCE:**

# Guest Speaker – Spotlight Event, Banha University

Feb 2025

• Delivered a session on time management to over 100 attendees, demonstrating leadership, storytelling, and public speaking skills to engage and influence software teams.

#### **Instructor at Google Developer Student Clubs (GDSC)**

Oct 2021 - Jan 2023

 Assisted students with hands-on projects and coding exercises, providing mentorship to deepen their understanding of key programming concepts.

## **PROJECTS:**

## **Royal Med - Educational Platform**

**Arabic**: Native \ Bilingual

Scalable educational platform with customizable learning through paid courses and interactive quizzes. **Technologies:** Node, js – React. js – Express. js – MongoDB (Atlas) – Tailwind CSS – JWT – Postman

**OUTFIT Website** *⊘* It's an E-commerce website that is interested in the clothes store ( Working On It ). **Technologies:** React.js – Tailwind CSS – Bootstrap – Git, GitHub

**Photographer Website** *⊗* Stylish website showcasing a photographer's portfolio, galleries, and contacts. **Technologies:** HTML5 – CSS3 - Bootstrap – JavaScript – jQuery – Git, GitHub

## **LANGUAGES:**

**English**: Excellent