

# Mohamed Tarek

Software Engineer / IT Support

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## PROFILE

Enthusiastic and self-motivated Software Engineer with strong proficiency in back-end development using Node.js, demonstrated through multiple hands-on projects. Skilled in designing and implementing RESTful APIs, developing scalable server-side applications, and working with various databases, both SQL and NoSQL. I am fluent in Arabic, proficient in English.

## INTERNSHIP

### NODE.JS Web Development

ITI

06/2022 – 09/2022

Back-end developer, Information Technology Institute (ITI), Ministry of Communication and Information Technology (MCIT)

## PROJECTS

### HEALTH CARE AND DITE SYSTEM

Developed and implemented APIs for a healthcare and diet management system, focusing on providing comprehensive, secure, and user-friendly solutions for managing health data and dietary information. Enhanced the platform's functionality to support personalized health tracking, medical records, and dietary planning.

### Social Media System

Developed and optimized APIs for a social media platform, enhancing functionality and performance. Designed RESTful services to support user authentication, content management, and real-time interactions, contributing to a seamless user experience. Utilized modern frameworks and best practices to ensure robust, scalable, and secure API solutions.

### E-commerce System

Designed and developed APIs for a comprehensive e-commerce system, focusing on enhancing online shopping experiences and streamlining backend operations. Created scalable, secure, and high-performance APIs to support various aspects of the e-commerce platform, from product management to customer interactions.

### Military System

**Description:** Engineered and deployed APIs for a high-security military platform, designed to support critical operations and facilitate complex data interactions. Focused on delivering robust, scalable, and secure solutions tailored to the unique demands of military applications.

## EDUCATION

### Bachelor of Computer science and information Technology

minor in information Technology . Damanhou University  
2019 – 2023

Grade: Very Good

**Graduation Project : (Software System: Health care and diet)**

Grade: Excellent

## SKILLS

### Programming

HTML/CSS, JavaScript, SQL, NoSQL,

### Software and Tools:

Node.js, PHP, React, Express.js, Socket.IO, EJS, GraphQL, MySQL, MongoDB, PostgreSQL, Git/GitHub, Unix/Linux, Docker

## LANGUAGES

English

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Arabic

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## PROFESSIONAL EXPERIENCE

### Software Engineer backend

EGYPTION ARMY

2023 – 2024