

# AHMED ALMOSTAFA OMER

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🔗 darkmedo20.vercel.app · in Darkmedo20

## 🔗 EXPERIENCE

### Web Developer - Freelance

2020 – Present

Self-driven journey of designing, developing, and deploying scalable websites and applications that enhance user experience and business outcomes, with a focus on:

- **Full-Stack Web Development:** Designing and implementing comprehensive web solutions, utilizing front-end (HTML, CSS, JavaScript) and back-end (Node.js, PHP, Python) technologies, with a focus on maintaining code quality and version control (Git).
- **Responsive Design:** Developing responsive and user-friendly interfaces that work seamlessly across devices and browsers, resulting in improved user engagement and satisfaction.
- **Web Application Security:** Implementing security best practices to protect against common vulnerabilities and ensuring compliance with industry standards, contributing to a secure and trustworthy online presence.

**Job Skills:** Front-end Development, Back-end Development, Web Security, UI/UX, Internet Technologies, Web Development.

### Tutor - University of Science and Technology

2021 – 2022

Served as a college tutor specializing in Web Development, C, and Java Programming, providing comprehensive academic support and fostering student success. Key responsibilities included:

- **Web Development Tutoring:** Guided students in mastering HTML, CSS, JavaScript, and front-end frameworks, helping them develop and deploy functional and responsive web applications.
- **C and Java Programming Instruction:** Taught core programming concepts, data structures, and algorithms in C and Java, ensuring students gained a strong foundation in these essential languages.
- **Project Guidance and Mentorship:** Supported students in designing and developing their projects, from initial concept to final deployment, while mentoring them in best practices and problem-solving techniques.

**Job Skills:** Web Technologies, Full-Stack Development, C Programming, Java and JavaFX, Teaching and Mentoring.

## ⚙️ SKILLS

- **Soft Skills:** Critical Thinking, Problem Solving, Creativity, Collaboration, Adaptability.
- **Programming Languages:** C, C++, Python, Java, JavaScript, SQL, Bash, PHP, VB Programming.
- **Web Development:** DevOps, Responsive Design, Security Best Practices, Testing and Debugging, Performance Optimization.
- **.NET Development:** ASP.NET MVC, (Entity Framework, LINQ), RESTful API Development, (Azure, Cloud Services Integration), Unit Testing and Test-Driven Development (TDD).
- **Databases:** PostgreSQL (Architect/Design/Modelling), Relational Databases (MySQL, Oracle), Document Databases (MongoDB).
- **Miscellaneous:** Git, Github, CI/CD, Linux SysAdmin.

## 🎓 EDUCATION

### University of Science and Technology (UST)

2019 – 2024

*Bachelor of Information Technology (honours).*

GPA: 3.95/4.0

## 📁 PROJECTS

- **Restaurant Site: A Django-Powered Culinary Experience**  
It aims to provide a seamless and engaging online presence for restaurants, allowing customers to explore menus, make reservations, and interact with the restaurant effortlessly.
- **Little Lemon Restaurant**  
Final capstone project for Meta Front-end developer program on Coursera, which contains a detailed and responsive website with table-booking functionality built using React.

- **WebTech Academy**

Built using PHP, this platform offers a seamless and interactive learning experience for aspiring web developers, from beginners to advanced practitioners.

- **Ransomware Encryption Script**

A python script that acts as ransomware by encrypting all files in a specified directory.

## ☀ CERTIFICATES

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- Introduction to Back-End Development

*Meta*

- Tools of the Trade: Linux and SQL

*Google*

- NSE 2 Network Security Associate

*Fortinet*

- Introduction to IoT

*Cisco*

- Intermediate Python

*DataCamp*

- Jr Penetration Tester

*TryHachMe*

## 📖 MISCELLANEOUS

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- Languages: **English** - Fluent, **Arabic** - Native speaker.
- Interests: Coaching, Linux.