

# Mahmoud Mohammed Abdelkader

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## Profile

Aspiring Fullstack .NET Developer and a graduate of the Information Technology Institute (ITI), with a strong foundation in developing user-centric web applications using C, .NET, and Angular. Passionate about continuous learning, problem-solving, and writing clean, maintainable code.

## Internships

### Information Technology Institute (ITI)

Full Stack .NET Development Track

Nov 2024 – Present

Beni Suef, Egypt

#### – Task Management System

- \* Developed desktop application using WinForms and Entity Framework Core for task organization
- \* Implemented CRUD operations with LINQ queries, improving data retrieval speed by 30% 🔗 View Project

#### – Staff Management System

- \* Built ASP.NET Core web application with role-based authentication for HR operations
- \* Developed attendance tracking module reducing manual entry time by 40% 🔗 View Project

#### – Examination System

- \* Designed SQL Server database schema for exam scheduling and result processing
- \* Created automated grading system handling 100+ concurrent student submissions 🔗 View Project

#### – E-Commerce Platform

- \* Developed Angular SPA with product catalog displaying 100+ items with filters
- \* Implemented shopping cart with local storage persistence and checkout workflow 🔗 View Project

## Education

### Fayoum University

Bachelor of Science in Computer Science | GPA: (71%)

2018 – 2022

Fayoum, Egypt

#### – Graduation Project (Grade: 90%):

- Developed a image classification model to predict mood disorders (stress, depression, and anxiety)

#### – Relevant Coursework: Machine Learning, Data Mining, Natural Language Processing, Artificial Intelligence, Data Structures & Algorithms

## Work Experience

### Admedia Consulting

Email Marketing Specialist

Aug 2024 – Nov 2024

Cairo, Egypt

## Technical Skills

**Programming Languages:** C#, C++, JavaScript/TypeScript, SQL

**Web Development:** HTML5, CSS3, Angular, ASP.NET Core, MVC, Web API

**Databases:** Entity Framework Core, SQL Server, Database Design

**Development Tools:** Visual Studio, Git, GitHub, LINQ, WinForms

**Concepts:** OOP, SOLID Principles, Design Patterns, Algorithms

## Additional Information

### Military Service

Completed National Service

Jun 2023 – Jun 2024

Egypt