# Mahmoud Mohammed Abdelkader

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## Profile

**ITI-certified .NET Developer** with a strong foundation in full-stack development, specializing in **C#, ASP.NET Core, SQL Server, and modern front-end frameworks**. Passionate about architecting **high-performance, scalable web applications** with clean, maintainable code. Adept at problem-solving and optimizing system efficiency while staying aligned with industry best practices. Committed to continuous learning and adopting emerging technologies to deliver innovative solutions.

## Internships

**Information Technology Institute (ITI)**                               Nov 2024 – Present
*Full Stack .NET Development Track*                                          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**                                                          2018 – 2022
*Bachelor of Science in Computer Science | GPA: (71%)*                          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**                                                     Aug 2024 – Nov 2024
*Email Marketing Specialist*                                                  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**                                                       Jun 2023 – Jun 2024
*Completed National Service*                                                      Egypt