

# MOHAMED AHMED MOHAMED ABD EL-WAHAB

SW ENGINEER | FULL STACK DEVELOPER

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<https://mohamedahmed-portfolio.vercel.app/>

## Summary

Full-Stack .NET Developer and Information Systems student at Cairo University. Experienced in building scalable web applications using ASP.NET Core, Web APIs, and SQL Server. Passionate about clean architecture, problem-solving, and AI-assisted development.

## Experience

DEPI | Full-Stack .NET Developer

06/2025 – 12/2025

- **Engineered** scalable, data-driven web applications and back-end services using **C#, ASP.NET Core MVC, and .NET Web API**.
- **Architected** responsive front-end interfaces with **HTML5, CSS3, and JavaScript** while ensuring clean separation of concerns via **MVC architecture**.
- **Developed** relational databases in **MS SQL Server**, focusing on efficient querying, schema design, and data integrity.
- **Streamlined** development workflows by implementing **Git/GitHub** for version control and collaborative coding.
- **Enhanced** code reliability and maintainability through **unit testing**, detailed functional documentation, and **Prompt Engineering** for AI-driven development.

## Education

Cairo University - bachelor's degree, computer science and Artificial Intelligence

2023-2027

Major: Information Systems

GPA: 3.29

## Skills & abilities

- C# (Primary), Java, SQL (T-SQL)
- .NET Web API & Entity Framework
- Web: JavaScript, HTML5, CSS3
- MS SQL Server (Design, Querying, Optimization)
- MVC Architecture, Unit Testing, Clean Code
- Git & GitHub

## Projects

### 1. Spacely API | ASP.NET Core Web API, SQL Server, Entity Framework

- Developed a RESTful Web API for aggregating and managing coworking spaces and workstations.
- Implemented advanced filtering (by name, city, and area) using LINQ queries.

- Designed relational database schema and optimized queries in SQL Server.
- Integrated rating and review system for workspace evaluation.
- Applied Clean Architecture principles and Git-based version control.
- Collaborated in a team environment using Git workflow and pull requests.

**GitHub:** [https://github.com/Appvio/Spacely\\_API.git](https://github.com/Appvio/Spacely_API.git)

**Technologies:** ASP.NET Core, EF Core, SQL Server, LINQ

## 2. **Online Library System | Django, Python, SQLite**

- Built a full-stack web application that allows users to search, view, and borrow books.
- Implemented Role-Based Access Control (Admin / User).
- Developed complete CRUD functionality for book management.
- Designed database models and handled relationships using Django ORM.
- Implemented book availability tracking and borrowing workflow.
- Structured application using MVC-based Django architecture.

**GitHub:** <https://github.com/Amr-Khaled-Ahmed/Online-Library-website.git>

**Technologies:** Django, Python, SQLite