

Mahmoud Ahmed

.NET Developer

CONTACT

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CORE SKILLS

C# C++ .NET SQL Server

WinForms ADO.NET

Stored Procedures T-SQL

OOP / SOLID 3-Tier Architecture

Data Structures Algorithms

TOOLS

Git GitHub Visual Studio

SSMS

LANGUAGES

Arabic — Native

English — Intermediate

Mahmoud Ahmed

.NET Developer

.NET Developer with strong foundations in C#, SQL Server, and Object-Oriented Programming. Experienced in building desktop applications using WinForms with clean 3-Tier Architecture. Passionate about writing clean, maintainable code and creating professional user interfaces with custom controls and modern design patterns.

FEATURED PROJECTS

DVLD — Driving & Vehicle License Department

[View on GitHub →](#)

Full Desktop Application

C# | .NET 9 | WinForms | SQL Server | ADO.NET | Stored Procedures

- Complete licensing workflow: registration → application → testing → license issuance
- **14 tables + 27 relationships** — fully managed via Stored Procedures
- License services: renew, replace, detain/release, international licenses

UI Enhancements:

- **6 Themes** + custom themes with live switching | **Multi-language** (AR/EN + RTL)
- **Navigation Manager** with breadcrumbs + fade transitions | **Dashboard** + stats
- **Custom Controls:** Toast, Cards, Sidebar, DataGrid, Search Filters, Shortcuts

Aura AI — AI Image Generator

[View on GitHub →](#)

Desktop Application (AI-Assisted Development)

C# | .NET 10 | WinForms | SQL Server | ADO.NET | Stored Procedures

- **19 screens + 25 custom controls** | **6 tables + 29 SPs**
- Multiple AI providers with auto key rotation | **6 Themes** + Multi-language
- Gallery (Albums, Favorites, Recycle Bin) | Dashboard + Prompt History + Backup

EDUCATION

Programming Roadmap — ProgrammingAdvices.com

Eng. Abu Hadhoud | Completed 20 out of 24 courses (+ currently studying course 21)

- Foundations of Programming & Problem Solving (Courses 1-9)
- Data Structures & Algorithms — Arrays, Trees, Graphs, Sorting, Searching (Courses 10-13)
- C# Programming Level 1 & 2 (Courses 14, 20)
- Database Design & SQL Server + T-SQL (Courses 15, 17, 21)
- OOP in C# — Encapsulation, Inheritance, Polymorphism, SOLID (Course 16)
- C# & Database Connectivity — ADO.NET (Course 18)
- Full Real Project — DVLD (Course 19)

ADDITIONAL

Problem Solving: Practicing on LeetCode — algorithms and data structures.

Architecture: DAL → BLL → UI (3-Tier), Stored Procedures, Event-driven patterns.

Self-Learner: Continuously improving skills through structured roadmaps and real projects.