Abdul-Rahman Mustafa Sayed

Full Stack .NET Developer

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Profile

Full Stack Developer with hands-on experience in **ASP.NET Core**, **Angular**, and **SQL Server**. Skilled in designing and developing scalable web applications, RESTful APIs, and responsive UIs. Strong background in **Entity Framework Core**, Agile methodologies, and clean coding practices. Passionate about continuous learning, cloud platforms, and delivering impactful software solutions.

Education

B.Sc. in Computer Science and Information Systems, Assiut University   Sep 2019 – Jun 2023
GPA: 3.61/4.0 (B+) **Rank:** Top 3 in Computer Science Department
Graduation Project: EduZone (Grade: A+)

- Designed and developed an **ASP.NET MVC platform** enabling seamless collaboration between students, teachers, and professors.
- Implemented key features including **academic communication, resource sharing, lab management, role-based access control, and group organization**.

Work Experience

- **Ezz Store – Online Perfume & Oud Shop** (Freelance Project)   May 2025 – Jul 2025
  Technologies: ASP.NET Core Web API, Angular 19, SQL Server, JWT, RAG-based Chatbot
  - Designed and developed a full-featured **e-commerce platform** with secure authentication and role-based access (**Admin/User**).
  - Implemented **product & category management**, shopping cart, and **payment**, reducing checkout time by 30%.
  - Integrated a **Chatbot using Retrieval-Augmented Generation (RAG)** to enhance customer support and reduce support tickets.
  - Built an **Admin Panel with dashboards and analytics** for sales tracking and performance monitoring.
- **Center Management System** (Freelance Project)   Jul 2025 – Oct 2025
  Technologies: .NET WinForms, Entity Framework Core, SQL Server
  - Designed and developed a comprehensive **desktop application (WinForms)** with clear modules and role-based access for **Admin, Accountant, and Receptionist**.
  - Implemented a complete **billing & invoicing system** supporting payments, refunds, and management of discounts/offers, with payment reversal workflows.
  - Built **course, student enrollment and resource management** including bookstore inventory (books/notes), stock management and point-of-sale features.
  - Integrated **WhatsApp messaging** for automated notifications (enrollment confirmations, payment reminders, receipts).
  - Implemented robust **attendance tracking** for employees (check-in/out) and students, with exportable attendance logs and absence reports.
  - Delivered **reports & analytics** for admins: financial summaries, course registrations, inventory movement, and staff performance indicators.
  - Added **backup & restore management** to ensure data safety and disaster recovery.
- **Supermarket Management System** (Freelance Project)   Oct 2024 – Jan 2025
  Technologies: .NET WinForms, SQL Server
  - Developed an **inventory management system** with barcode scanning for real-time stock updates.
  - Designed **role-based access control** (Admin/Cashier) ensuring secure operations.
  - Automated **sales reporting & analytics**, reducing manual effort by 40% and improving decision-making.

Internships

Full Stack .NET Web Development — Intensive Code Camp (ICC)   Mar 2025 - Jul 2025
Information Technology Institute (ITI) - Hybrid, Minya, Egypt

- Technologies: ASP.NET Core (MVC, Web API), EF Core, SQL Server, Angular

- **Key Projects:**
  - **Hotel Management System:** WinForms app with SQL Server backend for bookings and billing
  - **Examination System:** Automated grading platform using T-SQL with role management
  - **E-Commerce App:** Angular 19, Firebase Auth, Firestore, PayPal Sandbox, Google Sign-In
  - **Watchy Movie App:** Angular 20 with Firebase Auth + TheMovieDB API integration

Trainings

Python Full Stack Development — Early Career Build Up   Jun – Jul 2022
Information Technology Institute (ITI) - Assiut, Egypt

- Technologies: Django, Python, PostgreSQL, REST APIs, Clean Architecture
- Built scalable web applications using MVT and ORM techniques

Skills

Core Technical Skills:

- **Programming Languages:** C# (advanced), JavaScript, TypeScript, SQL, Python, C++, HTML5/CSS3
- **Backend Development:** ASP.NET Core (MVC, Web API, Razor Pages), Entity Framework Core, LINQ, JWT, Identity
- **Frontend Development:** Angular (Reactive Forms, RxJS, State Management), Bootstrap, Responsive Design
- **Databases:** SQL Server (T-SQL, Stored Procedures, Triggers), PostgreSQL, MySQL
- **Cloud & DevOps:** Azure, Docker, CI/CD Pipelines (GitHub Actions, Azure DevOps), Git, GitFlow
- **Testing & Quality:** Unit Testing (xUnit, NUnit), Postman, Swagger
- **Architecture & Patterns:** SOLID Principles, Repository & Unit of Work, CQRS, Clean Architecture, N-Tier Architecture, Design Patterns (Factory, Singleton, Observer)

Soft Skills:

- Problem-Solving & Analytical Thinking
- Agile/Scrum Collaboration
- Effective Communication with Technical & Non-Technical Stakeholders
- Continuous Learning & Adaptability

Languages

Arabic: Native   English: B2 (Upper-Intermediate)

Additional Information

- **Availability:** Open to remote and on-site positions
- **Interests:** Open-source contributions, AI-driven applications, Continuous Learning
- **Military Service:** Completed