Yomna Sayed Ahmed Elwan
.NET Full Stack Developer

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Summary

Full Stack .NET Developer with hands-on experience in building scalable web applications using **ASP.NET Core, MVC, Web API, Dapper**, and **Entity Framework**, along with modern **JavaScript** frameworks like **Angular**. Skilled in **HTML, CSS, JavaScript,** and **Bootstrap**, with a strong focus on **user experience** and **modern UI design.** Knowledgeable in **SOLID principles** and common **design patterns,** ensuring clean, maintainable, and extensible code. Passionate about delivering high-quality software solutions and working across the full development lifecycle.

Professional Experience

- **Intern – Digital Egypt Pioneers Initiative (DEPI)**   Nov 2025-Present
  - Sorfware Development - Full Stack .NET Track

- **Intern – Information Technology Institute (ITI)**   Nov 2024-Apr 2025
  - Full Stack .NET and Angular Track

  - Developed full-stack web applications using **ASP.NET Core MVC**, **Web API**, **Entity Framework**, **LinQ**, and **SQL Server**.

  - Built responsive user interfaces using **HTML5**, **CSS3**, **Bootstrap**, **JavaScript (ES6+)**, and **Angular**.

  - Applied software engineering principles, including **Object-Oriented Programming (OOP)** and **Agile development** methodologies

  - Utilized version control systems like **Git/GitHub** and followed **secure coding practices**.

- **Kids Programming Instructor – Private Courses Academy**   Jan 2024-Jun 2024
  - Gave private coding lessons to kids, explained programming basics, and supported small projects.

  - Introduced **Arduino simulation principles** using **Tinkercad** to teach basic electronics and programming logic.

- **Kids Programming Instructor – El-Horreya Language School**   Oct 2023-Jan 2024
  - Taught kids basic programming using simple tools like scratch and helped them with practical activities.

  - Simplified complex coding concepts to foster logical thinking and creativity.

Projects

- **Shipping Management System** with core features (Github):   September 2025
  - **Order Management:** Add, edit and track customer orders with dynamic status updates.
  - **Order Items Handling:** Dynamically add, edit and delete order items in session before saving to DB.
  - **Role-Based Access Control:** Implemented using ASP.NET Identity with multiple role – Admin, Merchant, Courier, Employee.
  - **Authentication & Authorization:** Built With **IdentityUser** & **IdentityRole** for secure login and permissions handling.
  - **Merchant Dashboard:** Manage Orders and monitor delivery performance
  - **Shipping Cost Calculation:** Auto-calculate delivery and weight-based costs per city and delivery method.
  - **Reporting & Background Jobs:** Optimized order reporting performance using **Redis caching** for faster data retrieval and reduced database load.
  - **Configuration Management:** Manage Regions, Governorates, Cities, Branches, Delivery Methods, Shipping Type for flexible operation.

  - **Technologies:** C# - ASP.NET MVC – ASP.NET Identity – Entity Framework (Code First) - Redis – SQL Server – HTML5 – CSS3 – Bootstrap5 – Ajax – Jquery.

- **HR System** with core features (AngularLink, APILink):   April 2025
  - **Employee Management:** Add, update, and manage employee records.
  - **Attendance & Leave Tracking:** Log check-in/out times, track absences automated via **Hangfire.**
  - **Payroll Processing:** Auto-calculate salaries at month-end with detailed, filterable reports
  - **General Settings:** Configure bonuses, deductions, weekly holidays, and official paid vacations.

  - **Technologies:** C# - Hangfire - Redis - ASP.NET API – JWT Authentication - SQL Server - HTML5 - CSS3 -Bootstrap5 - Angular

- **Restaurant Website (Github)**   March 2025
  - Developed a restaurant management system using ASP.NET MVC following a **3-layer architecture**. Admins can manage menu items, categories, and orders, while users can browse the menu, register/login, and place orders.
    Implemented **role-based authentication**, secure login, and full CRUD operations using **Entity Framework** with **SQL Server** as the backend database.

  - **Technologies:** C# - ASP.NET MVC – SQL Server – HTML – CSS – Javascript - Bootstrap

- **Cosmetics Store Management System (Github)**   February 2025
  - Developed a role-based cosmetics store system with admin and user dashboards. Features include authentication, product and category management, profile editing, and product browsing with comments. Used LINQ for queries and Dapper for efficient data operations.

  - **Technologies**: Entity Framework (Code First) – Dapper – LinQ – SQL Server

- **Interactive E-Commerce Website (Github)**   January 2025
  - Built an interactive e-commerce website with user registration/login, dynamic product browsing, animated sliders, and cart management using Local Storage. Included custom validations, alerts, and a responsive user interface.

  - **Technologies**: HTML5 – CSS3 – JavaScript – LocalStorage

- **Windows Forms Application Using ADO.NET (Github)**   December 2024
  - Built a desktop application with role-based access using ADO.NET and SQL Server. Users can register, login, and manage favorite products.

  - Admins can manage products and categories through a secure and user-friendly interface.

  - **Technologies:** Windows Forms · C# · ADO.NET · SQL Server

Education

- **Faculty of Computers and Information, Menofia University**   Sep 2019- May 2023
  - Bachelor's degree in Computer Science.
  - Graduation Project : Global E-Commerce Platform For Vegetables & Fruits with
      Grade: Excellent
      Website: Built with Node.js, Express, MongoDB, JWT, and React.js.
      Mobile App: Developed using Flutter, integrated Firebase and Stripe for payments.

Languages

- Arabic – Native Language
- English – (Reading & Writing) Excellent | (Listening & Speaking) Very Good

Technical Skills

- ASP.NET Core MVC
- Restful APIs
- JWT Authentication
- Entity Framework
- ADO.NET
- Dapper
- LinQ
- SQL Server
- C#
- Object-oriented Programming (OOP)
- Design Patterns
- N-tier Architecture
- Git & Github
- HTML5
- CSS3
- Bootstrap5
- JavaScript (ES6+)
- TypeScript
- Angular
- Unit Testing
- Agile Methodologies
- Caching Techniques (Redis)
- Hangfire
- Solid Principles
- Onion Architecture

Personal Skills

- Collaborates well with others and can work independently too.
- Quick learner who can adapt to new technologies easily
- Possess strong time management and organizational skills, along with excellent communication abilities
- Decision making and strategic planning.

References

References are available upon request