

NANCY AHMED

Back-end .NET Developer

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Summary

Computer Science engineer specializing in backend development using ASP.NET Core, C#, and SQL Server. Experienced in building real-world web applications and RESTful APIs with a strong foundation in object-oriented programming, database design, and software engineering principles. Actively seeking an internship opportunity in .NET backend development to gain hands-on experience and contribute to scalable, high-performance systems.

Professional Experience

Information Technology Institute (ITI)

Minya, Egypt

Web Development using .NET Trainee

07/2026

- Selected for the intensive ITI Summer Training Track to master full-stack web architectures utilizing .NET technologies alongside a selective cohort of tech peers.
- Acquiring advanced technical expertise by developing 3+ core backend architectural modules and refining framework performance metrics.

Commercial International Bank (CIB)

Cairo, Egypt

Summer Internship Round July Technology Trainee

07/2026

- Completed a structured technology internship covering retail banking, digital banking, financial inclusion, customer experience, and banking controls.
- Gained exposure to AI, Machine Learning, Data Analytics, Cyber Security, ESG frameworks, and professional workplace communication.

Digital Egypt Pioneers Initiative (DEPI)

Egypt

Full Stack .NET Web Development Trainee

11/2025 – 07/2026

- Concluded an extensive 8-month full-stack specialization program with a primary focus on enterprise-grade backend engineering.
- Constructed 1 robust web applications utilizing ASP.NET Core, RESTful Web APIs, and MVC architectural patterns.
- Engineered and optimized relational database schemas leveraging SQL Server and EF Core, improving query response times by 20%.
- Implemented core C# programming paradigms, managing 100% OOP compliance, LINQ queries, and dependency injection patterns.
- Maintained shared repositories and streamlined code workflows using Git and GitHub within collaborative teams of 5 developers.
- Developed and documented 15+ secure RESTful Web API endpoints utilizing ASP.NET Core, ensuring clean integration with the frontend architecture.

Education

Egyptian E-Learning University (EELU)

Expected 2027

Bachelor of Computers and Information Technology

Cumulative Grade: Very Good

Projects

A3DET CODE – DEPI Graduation Project C#, ASP.NET Core MVC, EF Core, SQL Server 07/2026

- Developed the full-stack MVC architecture for an educational and employment platform bridging the gap between tech students and the market.
- Designed and implemented an advanced, multi-scenario Booking System providing custom workflows, Controllers, and permissions for Students, Mentors, and Companies.
- Engineered a secure financial Wallet & Escrow System allowing administrators to hold payment funds safely until contract validation and service delivery.
- Automated business operations by building a complete transaction workflow encompassing booking status management, PDF Contract Generation, electronic signatures, and automated 10% platform commission processing.
- Built +8 comprehensive administrative Views and Dashboards to manage users, review user reports, audit transaction histories, and release escrow funds.
- Secured platform routes by enforcing strict Role-Based Authorization across 4 distinct user profiles, while restricting administrative privileges to prevent unauthorized admin account creation.

Skills

- **Technical Skills:** ASP.NET Core, C#, Web API, REST API, Entity Framework, MVC, SQL Server, MySQL, SQL.
- **Programming Languages:** C#, Python, Java, C++.
- **Web Technologies:** HTML, CSS, JavaScript.
- **Tools & Platforms:** Git, GitHub, Visual Studio, VS Code, NetBeans, IntelliJ, Packet Tracer.
- **Networking & Security:** CCNA (Routing/Switching), Microsoft Security & Compliance (SC-900).
- **AI & Data:** Machine Learning, NLP, KNN, SVM, Numpy, Pandas, Scikit-learn.
- **Soft Skills:** Organization, Problem Solving, Communication, Teamwork, Time Management.

Certifications

- CCNA Introduction to Networks & Switching, Routing, and Wireless Essentials (Cisco Networking Academy).
- SC-900 - Microsoft Security, Compliance, and Identity Fundamentals (Score: 880/1000).

Languages

- **Arabic:** Native
- **English:** B2