Mohamed Gaber

Full Stack .NET Web Developer

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Summary:

Aspiring .NET Web Developer with strong problem-solving skills and a solid foundation in data structures and algorithms. Experienced in building programming projects including web applications, algorithm-based systems, and mobile applications. Continuously improving skills in C#, ASP.NET Core, and modern web development technologies.

Education:

- **Bachelor of Computer and Information Science.**
  Ain Shams University — Expected Graduation: 2026
- **Full Stack .NET Web Development Internship.**
  Digital Egypt Pioneers Initiative — 2026

Skills:

- **Technical skills:**
  - Programming: C#, C++, Java / Kotlin
  - Web Development: ASP.NET Core, HTML, CSS, JavaScript
  - Databases: SQL, SQL Server
  - Concepts: Object-Oriented Programming (OOP), Data Structures, Algorithms, Problem Solving
  - Tools: Git, GitHub, Visual Studio, VS Code
- **Soft skills:** Problem Solving, Teamwork, Communication, Time Management, Continuous Learning.
- **Languages:** Arabic (Native), English (Intermediate)

Certificates:

- Data Science Summer Training – Ain Shams University   ([Link](#))
- Data Analyst in Python – DataCamp   ([Link](#))

Projects:

- **Saba7o-Kora | Kotlin / Android**
  - Developed a multiplayer football quiz game featuring 6 interactive mini-games with timer-based gameplay and score tracking.
  - Implemented round management, competitive 2v2 gameplay logic, and match result tracking to simulate a real-life football challenge experience. [GitHub](#) | [Demo](#)
- **Map Routing | C++ / SFML**
  - Implemented Dijkstra Algorithm for shortest-time paths with GUI.
  - Desktop Application with algorithmic problem solving. [GitHub](#)
- **Snake Game | C++ / SFML**
  - Survival & Story modes, High Score, 10 skins, dynamic colors.
  - Demonstrates game logic and UI programming. [GitHub](#) | [Demo](#)

- **Wallet Management System | C++**
  - Console-based digital wallet system with authentication, money transfer, and transaction history.
  - Implements Data Structures Concepts for transaction management with persistent file storage.
  [GitHub](#)
- **Data Security Algorithms | C#**
  - Implemented RSA, AES, DES, MD5, RC4, and other encryption algorithms. [GitHub](#)

Activities:

- **NASA Space Apps Challenge – Cairo**
  Participant | 2023 – 2025
  Participated in the global hackathon to develop innovative solutions for space and Earth challenges.
- **Shabab Talented – Internship Opportunities Team**
  Volunteer | 1 Year
  Researched international internships, translated opportunities into Arabic, and reviewed published content.
- **Meshwari Youth Development Program**
  Ministry of Youth & Sports & UNICEF
  Completed training in communication, teamwork, and personal development skills.