Nada Ahmed Abdel-Dayem

Software Engineering Developer

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profile

Computer Science student known for quickly adapting to new technologies and delivering results beyond prior experience. Passionate about problem-solving and performance optimization, with a strong focus on backend development using ASP.NET Core, C#, SQL, and MVC. Experienced in building scalable web applications and actively developing real-world skills through the Digital Egypt Pioneers Initiative (DEPI).

Education

Helwan University, Bachelor's Degree in Computers and Artificial Intelligence   2023 – 2027
GPA:3.76/4

Skills

Technical skills
- .NET Core Web API and MVC frameworks
- HTML / CSS / Bootstrap
- Java / OOP
- C / C++
- SQL
- PHP

Soft skills
- Analytical Problem Solving
- Communication
- Teamwork

Languages

- Arabic (native)
- English (B1)

Courses

ASP.NET Core, Digital Egypt Pioneers Initiative (DEPI)   06/2025 – Present
- .NET Core and C# development
- Front-end mastery with HTML5, JavaScript, and CSS3
- Back-end development with .NET Core Web API and MVC frameworks
- Building scalable, modern web applications and services

Competitive Programming (Level Two), Coach Academy   04/2025 – 08/2025
- Learned various sorting and searching algorithms
- Gained proficiency in implementing these algorithms efficiently for competitive programming challenges.

Problem Solving Training (Level One), Coach Academy   08/2024 – 12/2024
Covered fundamentals of computer science and programming using C++.

Certificates

- ECPC Qualifications Collegiate Programming
  Contest Day 5 2024

Projects

Online Newspaper System, Tools: Bootstrap, PHP, UML Diagrams.　　　　02/2025 – 05/2025
Carried out an *online newspaper platform with 4 user roles (Admin, Creator, Reader, Subscriber) and 15+ pages, supporting article creation, editing, and subscriptions for 50+ users.* Supported subscription features.

Task Management System, Tools: Java, OOP, GUI.　　　　10/2024 – 12/2024

- Developed a task file system to manage task records, featuring real-time updates and efficient search functionality.
- *Reducing manual tracking effort by 70%.*

Clinic System, Tools: HTML, CSS, UML Diagrams.　　　　10/2024 – 12/2024
Created a clinic management system for handling doctors, patients, and appointments using structured data

learning platform, Tools: HTML, CSS, JavaScript.　　　　02/2024 – 05/2024
Established an online learning platform that allows users to browse, enroll in, and track courses

Number Conversion System, Tools: C.　　　　01/2024 – 02/2024
Programmed a converter supporting 4 number systems (binary, octal, decimal, hexadecimal) with 99% conversion accuracy