


Ahmed Mohamed Gaber


Full-Stack Software Developer (.Net Core and Angular)

Passionate software developer eager to design and deliver innovative, reliable, and scalable software solutions. Dedicated to continuous learning, problem-solving, and contributing to impactful projects within dynamic teams

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EXPERINCES

Graduation Project – Active Suspension Control using Reinforcement Learning

Faculty of Engineering Ain Shams

Sep 2024 – Jun 2025, Cairo, Egypt

Developed an AI-based active suspension system using Reinforcement Learning in **MATLAB/Simulink**. The system trained a vehicle's suspension assistant to adapt dynamically to different road conditions, improving ride comfort, stability, and road handling compared to passive systems.

.Net Developer Internship

Crossworkers

Jul 2023 – Sep 2023, Cairo, Egypt

worked as Internship for 3 months as a .NET developer in Crossworkers company using (C#, SQL, Entity framework, .Net Core, LINQ to Sql, Blazor, DevExpress) technologies, as well participated in developing requirement for a project named Flex its business for ship containers.

Mechanical Design Project – Remote Controlled Car

Faculty of Engineering Ain Shams

Feb 2023 – Jun 2023, Cairo, Egypt

Worked on designing and building a remote-controlled car as part of the Mechanical Design course. The car was developed using **CAD software** for design, Arduino microcontroller for control, and programmed in C/C++ through Arduino IDE. Integrated a transmitter–receiver system to enable remote operation, including left, right, and stop functionalities.

.Net Developer Internship

Crossworkers

Jul 2022 – Sep 2022, Cairo, Egypt

worked as Internship for 3 months as a .NET developer in Crossworkers company using (C#, SQL, Entity framework, .Net Core, LINQ to Sql, API and MVC) technologies, as well participated in developing requirement for internal project like CBP project.

.Net Developer workshop

Orange digital telecommunication company center

Jul 2021 – Aug 2021, Cairo, Egypt

Worked in workshop as a .NET developer in Orange digital telecommunication company center using (.NET framework, C#, SQL, LINQ to Sql, Entity framework and API) technologies.

CERTIFICATES

- C# tutorial for beginners by Ragim.
- ASP.NET core tutorial for beginners.
- ASP.NET Web API tutorial for beginners
- Solid Design Principles
- SQL Server tutorial for beginners
- Full-Stack App Development with ASP.Net Core & Angular (Udemy)

SKILLS

- Developing C# .NET solutions.
- Working with Databases on SSMS.
- Developing API and MVC projects using the .NET framework.
- Object oriented programing.
- Developing web applications using Angular framework.
- Creating in-house applications using the .NET framework.
- Debugging and maintaining written code.
- Reporting and resolving issues related to .NET projects.
- Working in a project team alongside other developers.
- Providing technical support to stakeholders in the organization.
- Reporting on project statuses and developments to senior team members.
- Participating in project meetings with management and other team members.

PERSONAL PROJECTS

• Social Interaction Platform:

Developed a social interaction platform using .NET Core and Angular, integrating RESTful APIs for client–server communication. Implemented key functionalities including user login and signup, real-time chat, profile likes, and people search to enhance user engagement.

Tools: **Postman, SQLite, Docker, Azure, Entity Framework**

• Video Sharing Platform:

Developed a video sharing platform using PHP, MySQL, HTML, CSS, and JavaScript. Implemented core functionalities such as video upload, playback, likes, comments, and user interaction to enhance content sharing and engagement.

Tools: **PhpMyAdmin, XAMPP**

EDUCATION

Bachelor's degree in Mechanical Engineering

Ain Shams University, Faculty of Engineering

LANGUAGES

English: *Very Good*

Arabic: *Native Language*

MILITARY STATUS

Exempted