

# Mohamed Abdallah Galal

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## PROFESSIONAL SUMMARY

Third-year Computer Science student at Cairo University with a Very Good (Honors) academic record and hands-on training as a Full-Stack .NET Developer through the Digital Egyptian Pioneers Initiative (DEPI). Experienced in ASP.NET Core, C#, SQL Server, and Entity Framework Core, with practical experience building scalable web applications using clean 3-Tier Architecture and SOLID principles. Honorable Mention recipient at the 2024 ICPC ECPC Qualifications. Seeking a software development internship to grow within a professional engineering team.

## EDUCATION

**Faculty of Computers and Artificial Intelligence, Cairo University** | Cairo, Egypt  
*Bachelor of Science in Computers and Information Systems* | **Expected Graduation: June 2027**  
Academic Standing: GPA: 2.94/4.00 | Very Good (Honors) | Information Systems Department

## SKILLS

### TECHNICAL SKILLS

- Programming Languages: C#, SQL, T-SQL, Python, C++
- Frameworks & Libraries: .NET, ASP.NET Core MVC, ASP.NET MVC, Entity Framework Core
- Databases: Microsoft SQL Server
- Web Technologies: HTML, CSS, JavaScript
- Tools & Platforms: Git, GitHub, Visual Studio
- Software Engineering Concepts: Object-Oriented Programming (OOP), SOLID Principles, 3-Tier Architecture, Authentication & Authorization, Code-First Migrations, Algorithms & Data Structures

### CURRENTLY LEARNING (DEPI Full-Stack .NET Track)

- Building RESTful APIs with .NET Core Web API & Swagger
- Writing unit tests using xUnit
- Containerising .NET applications with Docker

- Advanced SQL Server (stored procedures, indexing)
- Prompt Engineering for efficient development
- Functional documentation best practices

## **SOFT SKILLS**

- Problem-Solving & Analytical Thinking
- Team Collaboration & Cross-functional Communication
- Time Management & Task Prioritization
- Self-Learning & Continuous Improvement
- Attention to Detail & Code Quality
- Adaptability in Fast-Paced Environments

## **LANGUAGES**

- Arabic: Native
- English: Professional Working Proficiency (B2)

## **COURSES & PROFESSIONAL TRAINING**

Information Technology Institute (ITI), Egypt  
Intensive Training Program – Web Development using .NET | July 2025  
Core curriculum included C#, ASP.NET MVC, LINQ, Entity Framework, and Microsoft SQL Server.

Digital Egyptian Pioneers Initiative (DEPI) – Full-Stack .NET Track  
Expected Completion: May 2026  
Intensive national program focused on end-to-end application development using the modern .NET ecosystem.

## **PROJECT EXPERIENCE**

MOTORAK – Full-Stack Car Services Platform  
Technologies: ASP.NET Core MVC, Entity Framework Core, SQL Server, JavaScript, HTML, CSS

- Developed a commercial-grade car buying and renting platform using clean 3-Tier Architecture to ensure scalability and separation of concerns.
- Applied SOLID principles and design patterns to improve maintainability, extensibility, and testability of the codebase.
- Designed and implemented the complete data access layer using Entity Framework Core with Code-First Migrations.
- Integrated ASP.NET Core Identity for secure authentication, email confirmation, and role-based authorization.

- Implemented core business features including full CRUD operations, shopping cart, checkout workflow, and user reviews.
- Built an administrative dashboard to manage users, vehicles, services, and platform operations.

## **ACTIVITIES & VOLUNTEERING**

Faculty Union Member – Faculty of Computers and Artificial Intelligence, Cairo University  
2023 – 2024

- Participated in organizing academic and student-oriented events within the faculty.
- Collaborated with team members to coordinate activities and support student initiatives.
- Developed communication, teamwork, and organizational skills through active involvement.

## **ACHIEVEMENTS & CERTIFICATIONS**

- Web Development using .NET – Information Technology Institute (ITI), Summer 2025
- ALX Africa – AI Career Essentials (AiCE) Program
- IBM Professional Certificates: Introduction to Software Engineering, Git & GitHub, Cloud Computing