

# Taqeyy Eldeen Hussien

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## Summary

.NET Developer focused on building RESTful APIs, applying OOP and SOLID principles, and working with Entity Framework Core. I've also gained experience with AWS services such as EC2, S3, and IAM, along with deploying web apps in cloud environments.

At the moment, I'm expanding my skills in backend and DevOps through hands-on training with .NET Core, SQL, Git, Docker, and cloud deployment.

**I'm motivated to keep growing and to contribute to a team that values collaboration while building scalable, future-ready systems.**

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## Technical skills & Expertise

<b>C#</b>	<b>Java</b>	<b>JavaScript</b>
<b>HTML5</b>	<b>CSS3</b>	<b>XML</b>
<b>ASP.NET Core</b>	<b>MVC</b>	<b>API</b>
<b>LINQ</b>	<b>Entity Framework Core</b>	<b>RESTful APIs</b>
<b>Database Design</b>	<b>Microsoft SQL Server</b>	<b>T-SQL</b>
<b>Excel</b>	<b>Visual Studio</b>	<b>Git</b>
<b>GitHub</b>	<b>AWS (EC2, S3, IAM)</b>	<b>Docker</b>
<b>cloud infrastructure</b>	<b>Design Patterns</b>	<b>SOLID Principles</b>
<b>Object Oriented Programming (OOP)</b>	<b>Object Oriented Design(OOD)</b>	<b>Software Engineering</b>
<b>Software Development Life Cycle (SDLC)</b>	<b>Information Technology (IT)</b>	<b>troubleshoot</b>
<b>Computer Science</b>	<b>Microservices</b>	<b>Web Development</b>
<b>front-end</b>	<b>Back-end</b>	<b>Data Structures</b>
<b>Algorithms</b>		

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## Education

### Alexandria University, Faculty of Computers and Data Science

Bachelor of Science in Data Science | 2023 – Expected 2027

Major: Data Science | Minor: Computer Science

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## Experience

### Full Stack .NET Trainee -Digital Egypt Pioneers Initiative (DEPI)

*(120 Training Hours | 2025)*

- Obtained solid experience in C# (.NET Core), OOP, LINQ, exception handling, and design patterns.
- Built RESTful APIs and scalable web applications using ASP.NET Core MVC & Web API with Entity Framework Core and SQL Server.
- Applied layered architecture and SOLID principles, improving code maintainability and reducing debugging time by ~40%.
- Worked with HTML, CSS, JavaScript for responsive UIs and merged frontend with backend services.
- Used Git/GitHub for version control, collaboration, and issue tracking; practiced Docker for deployment and xUnit for testing.

**Project – Cartify (2025):** Developed a full-stack e-commerce CMS enabling store owners to manage products, categories, orders, and customers via a dashboard.

- **Tech Stack:** C#, ASP.NET Core, SQL Server, Entity Framework, Git, Postman, Docker

### National Telecommunication Institute (NTI) – Cloud Architect Trainee

*(120 Training Hours | 2025)*

Alexandria, Egypt – On-site

- Acquired knowledge of how moving workloads from on-premises to cloud can cut operational costs by ~35% and accelerate deployment speed by over 50%.
- Earned strong foundation in cloud architecture principles and AWS services for scalable, secure, and cost-efficient digital solutions.
- Learned cloud services management & operations, including monitoring, maintenance, and optimization of cloud environments.
- Understood cloud architecture fundamentals, covering compute, storage, networking, and databases integration to support scalable applications.
- Explored security & governance practices, focusing on IAM, secure access, and cost optimization.
- Applied solution design thinking to align business requirements with cloud technologies for maximum value.
- Improved professional skills through teamwork, communication, and problem-solving activities during training.
- Completed a final project: **File-Sharing Web Application** hosted on AWS EC2, integrated with **S3 storage**, secured with **IAM & VPC**.

- **Tech Stack / Tools:** AWS (EC2, S3, IAM, VPC), Networking, Cloud Architecture Principles
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## Languages

Arabic (Native)

English (B2+)