

# Ahmed Goda

## Full-Stack Developer

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**Address:** Cairo, Egypt (*Willing to relocate*)

**Portfolio:** [ahmedgoda.dev](https://ahmedgoda.dev)

**GitHub:** [/ahmed-mahmoud-goda](https://github.com/ahmed-mahmoud-goda)

**LinkedIn:** [/ahmedelashrawy](https://www.linkedin.com/in/ahmedelashrawy)

Full-Stack Developer with experience across **ASP.NET Core**, **Node.js**, **Angular** and **React**, focused on clean APIs, solid backend architecture, and modern frontend development.

## Selected Engineering Projects

### ***Diagnosis: AI-Powered Medical Appointment & Diagnostic Platform*** [[GitHub](#) / [Live](#)]

- Built **RESTful APIs** for appointments, reviews, and user management using **ASP.NET Core**.
- Implemented **JWT-based authentication and role-based authorization**.
- Applied **Onion Architecture** to build a scalable and maintainable backend.
- Developed Angular-based dashboards for appointments and diagnostics.

### ***Power-Fitness: Gym Management System*** [[GitHub](#) / [Live](#)]

- Built a **role-based system** to manage members, trainers, sessions, bookings, and membership plans.
- Improved performance using **Redis caching** and **Entity Framework Core** optimization.
- Implemented **real-time session notifications** using **SignalR** and **background services**.

### ***Node.js E-Commerce REST API*** [[GitHub](#)]

- Developed RESTful APIs using **Node.js** and designed **MongoDB schemas** for core operations.
- Designed secure authentication and authorization with input validation, and structured error handling.
- Integrated Stripe payment and order status tracking.

## Education

### **B.Sc. in Computer Engineering, Shoubra Faculty of Engineering – Benha University (2020 – 2025)**

- Graduated with **Excellent** overall grade.
- Strong academic foundation in **algorithms**, **databases**, and **software engineering**.
- Led a full-stack **graduation project** using **ASP.NET** and **Angular**, graded **Excellent**.

### **ALX Data Science Program (Jul 2023 – Aug 2024)**

- Intensive program in **data science and machine learning fundamentals**.
- Covered **data analysis**, **data visualization**, and **machine learning fundamentals** including **regression**, **classification**, **NLP**, and **unsupervised learning**.
- Studied **AWS foundations** and core cloud concepts.

### **Full-Stack Web Development Diploma – Route** *(Issued Jun 2025)*

- Completed an intensive diploma focused on **full-stack web development**.
- Developed backend systems using **ASP.NET Core** with **RESTful APIs and real-time features (SignalR)**, supported by **Entity Framework Core, LINQ, and SQL Server**.
- Built responsive front-end interfaces using **Angular, HTML, CSS, Tailwind, and Bootstrap**.

## Certificates

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- **Digital Egypt Pioneers Initiative (DEPI) – Mobile App Development Track** *(Issued Oct 2024)*
- **ALX Data Science Program Certificate** *(Issued Aug 2024)*
- **Route Full-Stack Web Development Diploma** *(Issued Jun 2025)*
- **HackerRank Problem Solving** *(Issued Oct 2023)*
- **EF Standard English Test (EF SET)** English Proficiency: C1 *(Issued Aug 2022)*

## Skills

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- **Languages:** C#, JavaScript, TypeScript, Python, SQL
- **Backend Development:** ASP.NET Core, Node.js, RESTful API design, Authentication & Authorization (JWT), Entity Framework Core, LINQ, Clean Architecture, Onion Architecture, Error Handling
- **Frontend Development:** Angular, ReactJS, HTML, CSS, Tailwind CSS, Bootstrap
- **Databases & Caching:** SQL Server, MongoDB, Redis
- **Real-Time & Performance:** SignalR, Socket.io, Background Services, Caching Strategies, Database Query Optimization
- **Cloud & DevOps:** AWS (EC2, Elastic Beanstalk, ECS, ECR, S3), Docker, Docker Compose
- **Tools & Platforms:** Git, GitHub, Visual Studio, VS Code, Postman