

# Kareem Almorsi

Backend / Full Stack Developer | C#, ASP.NET MVC, EF Core, Python, APIs

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## Summary

Backend-focused Computer Science graduate with hands-on experience building RESTful APIs, ERP integrations, and database-backed applications using C#, ASP.NET MVC, EF Core, SQL, and Python. Experienced in designing reliable web systems, cloud deployments, and scalable application architecture through internship and project work.

## Experience

E-Planet Education Cairo, Egypt  
IT Systems Administrator Nov 2025 - Mar 2026

- Administered and maintained internal VPN infrastructure and localized network routing, reducing access-related disruptions and minimizing overall connectivity downtime.
- Managed overarching network security protocols, user permissions, and system configurations to ensure secure data protection for staff across the organization.
- Provided tier-2 technical resolution for hardware and software systems, improving average issue resolution time.

Eva Pharma Haram, Giza  
Back End Developer Intern Jul 2025 - Aug 2025

- Built RESTful API endpoints in C# and ASP.NET MVC for ERP workflows, reducing manual cross-module updates by 67% through EF Core-based data synchronization.
- Collaborated with cross-functional teams to deploy and validate integrations, improving overall data consistency and system reliability across core business modules.

iSchool Shorouk, Cairo  
Startup Teens Program Instructor Jul 2025 - Aug 2025

- Mentored students on software entrepreneurship fundamentals, guiding them through the systems development lifecycle and technical design.
- Taught mobile application architecture and deployment using FlutterFlow, bridging the gap between database design and user-facing business logic.

Concentrix Smart Village, Giza  
Technical Support Agent September 2023 - May 2025

- Resolved 80+ technical inquiries daily while maintaining a 96% CSAT score, strengthening troubleshooting, root-cause analysis, and customer communication in a high-volume environment.

Self-Employed March 2022 - December 2023  
Freelance UI/UX Designer

- Led the overhaul of key digital design systems, resulting in a 63% reduction in user errors and a 41% increase in system engagement through optimized user flows.

## Projects

Osiris Vision 2026

- Built a zero-install WebAR museum app that achieved 91–96% artifact tracking accuracy across 24 image targets in real lighting conditions.
- Designed a hybrid serverless backend combining MongoDB Atlas and Cloudflare R2, bypassing strict deployment limits with a custom O(1) API routing dispatcher.
- Implemented an offline-first IndexedDB synchronization queue featuring on-device image compression to protect cloud bandwidth and prevent data loss.
- Developed custom GLSL fragment shaders to dynamically reconstruct video alpha channels, circumventing native iOS Safari rendering limitations.

Catbox Uploader 2025

- Developed a context menu-based Windows desktop application to streamline file uploads to cloud storage platforms ([catbox.moe](https://catbox.moe)).
- Engineered robust features including a GUI progress bar, persistent local upload history, and secure authentication options for user-hashed uploads.

Ether Compound (Private) 2024

- Engineered a web-hosted mobile widget dashboard using a Python/Flask backend deployed via Vercel serverless infrastructure.
- Aggregated and displayed real-time telecommunications and banking data by reverse-engineering and successfully integrating external corporate APIs.

## Profiles

GitHub

karimawi

Linkedin

kareem-almorsi

## Education

Arab Open University

Bachelor's Degree

Computer Science

September 2022 - June 2026

- Relevant Coursework: Data Structures and Algorithms, Data Analysis, Object-Oriented Programming, Software Engineering

## Skills

Languages

C#, Python, Java, SQL, Rust, Go

Frameworks/Tools

ASP.NET MVC, Entity Framework Core, Playwright, Flask, Three.js, MindAR, Node.js

Cloud/DevOps

Azure, DigitalOcean, Google Cloud, Vercel, Cloudflare R2

Other

API Development, Computer Vision, Deep Learning, UI/UX Design, DNS Management, System Architecture, Database Design, Git/GitHub

## Languages

Arabic



English

