Ahmed Omran *Full-Stack Developer*

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github.com/2ao1-1 | Military Status: Exemption | 2ao1.space

SUMMARY

Full-Stack Developer with strong expertise in React, Next.js, and .NET Core, and solid experience in building scalable web applications. Skilled in designing clean, responsive UIs with modern frontend frameworks, and developing robust backend APIs with .NET. Experienced in integrating real-time features, state management, and AI models into production-ready apps.

I've worked on projects that involved end-to-end development — from frontend architecture and gamified experiences to backend services, databases, and system integrations. Passionate about creating user-focused solutions that balance performance, maintainability, and scalability.

PROFESSIONAL EXPERIENCE

Full-Stack Internship   07/2025
Nancy AI ⧉

- Worked on building modern, responsive web applications using Angular and React, with a strong focus on component-based architecture and clean code practices.
- Integrated with ASP.NET Core APIs, gaining hands-on experience with backend development and full-stack collaboration.
- Contributed to AI-powered features by connecting AI models and agents to the frontend, bringing real-time intelligence into the UI.
- Focused on delivering smooth user experiences and performance-optimized interfaces across different devices.
- Collaborated closely with the team to solve real-world problems and ship usable, tested features in a fast-paced environment.

EDUCATION

Bachelor's Degree in Business Administration
Faculty of Commerce, Sadat University | Graduated: 2023

Relevant Coursework: Business Analytics, Digital Marketing

PROJECTS

Digital School Platform (In Development)

- Built an AI-powered e-learning platform tailored for elementary students with gamified experiences.
- Implemented interactive learning flows: AI Q&A with visuals & voice narration, mini-games, and quizzes.
- Developed parent dashboard for progress tracking, time limits, and weekly email reports.
- Designed teacher/admin portal for managing subjects, question banks, and monitoring student activity.
- Integrated Text-to-Speech and Vision APIs to enhance engagement and accessibility

Tech: Next.js, Tailwind, shadcn/ui, .NET Core, PostgreSQL, Redis, OpenAI GPT, TTS

Backend Repo: github.com/2ao1-1/Digital-school ⧉

Frontend Repo: (Coming Soon)

AO Gallary (In Development)

- Developed core UI for a scalable art marketplace platform with auctions and social features
- Implemented real-time bidding, post feeds, and profile management
- Architected modular, reusable components with shadcn/ui and App Router
- Designed responsive layouts optimized for both desktop and mobile
- Integrated client-side Socket.IO for live auction countdowns and interactions
- Built admin interface for platform metrics and user management

Tech: Next.js, TypeScript, Tailwind, Zustand, Socket.io (Client)

Github Repo: https://github.com/2ao1-1/AO-Platform ⌁

*Live Demo*: http://144.91.75.57:8888 ⌁

Crusto | Fast Pizza Delivery App

- Built a modern pizza ordering web application with a responsive and clean UI.
- Implemented real-time cart state management using Redux.
- Utilized Vite for fast development and optimized performance.
- Technologies: React.js, Tailwind CSS, Redux, Vite.

Live Demo: *crusto.2ao1.space* ⌁

GitHub Repo: *github.com/2ao1-1/Crusto-v2* ⌁

File Management API ⌁

- Built a minimal API that allows users to upload files with their original filename and download them with proper MIME type (application/octet-stream).
- Applied clean endpoint routing via attribute-based controllers.
- Configured appropriate HTTP headers to ensure correct browser behavior when downloading.
- Project focused on practicing file handling, controller routing, and MIME types in ASP.NET ⌁ Core.

GitHub Repo: UploadAndDownloadFiles ⌁

SKILLS

Core Technologies — HTML, CSS, JavaScript, Typescript, C#.

Backend — ASP.NET Core, ASP.NET MVC, Node.js, Express.js, SignalR, Socket.io, JWT, ASP.NET Identity, Entity Framework Core

Frontend — React.js, Next.js, Redux Toolkit, Zustand, Context API, React Query, Tailwind CSS, SASS, Bootstrap, shadcn/ui, Framer Motion, GSAP

Databases — SQL Server, PostgreSQL, SQLite

Tools & DevOps — Git/GitHub, Docker, GitHub Actions, REST APIs, Postman, npm/yarn, NuGet, VS Code, Visual Studio

LANGUAGES

Arabic — Native/Bilingual   **English** — Conversational