Ahmed Mansour *Web Application Developer*

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📍 cairo , Egypt 🔗 GITHUB

Profile

Full Stack Developer & Computer Engineer :
with a strong background in web development (MERN stack, Next.js, Express.js, MySQL). Graduated with **First-Class Honors** in Electrical Engineering, specialized in Electronics & Computer Systems. Successfully led a team to build an advanced OpenCV-based anti-spoofing face recognition system integrated with YOLO Ultralytics. Passionate about building scalable web applications and intelligent systems that combine engineering and software innovation.

Education

2018 – 2024 Khartoum - Sudan	**Bachelor of Science (B.Sc.) │ Electrical Engineering - Electronics & Computer Systems │ N/A** *Omdurman Islamic University (OIU)* Bachelor of Science in Electrical Engineering specialized in Electronics & Computer Systems. Graduated with First-Class Honors. Gained strong foundation in engineering and computing, and led a graduation project involving Python, OpenCV, and YOLO for intelligent face recognition and spoof detection.

Professional Experience

2023 – 2024 OIU - Sudan	**AI & Computer Vision Engineer** *Bachelor Project* ⤤ Designed and implemented a computer vision system to detect real and fake faces, and integrated the trained model into an attendance management system.
2020 – 2022 Freelance	**Front-End Developer** *Self-Employed* ⤤ Worked on multiple front-end projects using HTML, CSS, JavaScript, React, and UI best practices. Built responsive interfaces and improved user experience across client and personal projects.
2025 – Present cairo, Egypt	**Full Stack Developer (Next.js & Express.js)** *Internship* Full Stack Developer with experience in the MERN stack, RESTful API development, SQL and NoSQL databases, and application deployment. Familiar with basic system design principles for building scalable and maintainable web applications.

Skills

Frontend ● ● ● ● ●
React.js, Next.js, HTML, CSS, JavaScript, TailwindCSS

Backend ● ● ● ● ○
Node.js, Express.js, REST APIs (with OData)

Databases ● ● ● ● ●
MongoDB, MySQL, SQLite

Tools & Others ● ● ● ● ○
Git, GitHub, Postman, Docker, CI/CD , AI-assisted coding

Machine Learning / Computer Vision: ● ● ● ● ○
Python, OpenCV, YOLO (Ultralytics) model training, MediaPipe, PyTorch (basic)

System Design & Architecture ● ● ● ● ○
Diagramming, Database Design & Sizing, Infrastructure Monitoring (Logs & Metrics), Server Capacity Planning (Scale-Up / Scale-Out)

Languages

English
Upper-Intermediate

Arabic
Native

Projects

2024 – Present

Personal Portfolio Website ☒
Built a modern, responsive portfolio website to showcase my professional projects, skills, and experience. Includes sections for web development, AI/computer vision projects with explanatory videos, and contact details. Designed with a clean UI and optimized performance to provide a smooth user experience.

10/2025 – 10/2025

Full Stack E-Commerce ☒
- Developed a complete backend system with authentication, cart operations, product management, and order handling.
- Implemented advanced error handling, middleware, and secure routes.

04/2025 – 06/2025

Full Stack LMS Website ☒
Developed a fully responsive Learning Management System (LMS) platform that allows students to browse, purchase, and access online courses. The system includes user authentication, course pages, secure content delivery, and an admin interface for managing courses and users. Built with modern web technologies to ensure high performance, clean UI, and smooth user experience.

08/2023 – 09/2023

TITAN Company Website ☒
Modern Frontend Website with Clean UI & Company Portfolio
Developed a high-quality frontend website for TITAN , featuring a modern, visually appealing design and a professional company gallery. The site showcases the company's services, completed projects, and brand identity through a well-structured portfolio section. Delivered a smooth, responsive user experience with attention to layout, typography, colors, and performance optimization.

Awards

29/01/2025

First-Class Honors
BSc in Computer Engineer
"Graduated with First-Class Honors in Electronic & Computer Systems Engineering for achieving exceptional academic results and consistent high performance

Interests

Frontend Development
Building responsive, user-friendly interfaces, working with React, Next.js, Tailwind CSS, and modern UI/UX practices

Backend Development
Designing RESTful APIs (with OData), managing SQL/NoSQL databases, also implementing authentication and authorization, server-side logic, and system performance optimization.

Full-Stack Development
Integrating frontend and backend components, deploying web applications, and building scalable, maintainable, end-to-end solutions.