MAHMOUD FARAG ABDELKARIM SALEM

Full Stack Web Developer

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github.com/MahmoudSalem322 | Portfolio

PROFESSIONAL SUMMARY

Full Stack Web Developer with hands-on experience building and shipping production web applications using React, Next.js, and Node.js. Proven track record delivering real-world platforms across NGO management, SaaS, and healthcare domains, while mentoring peer developers on clean code practices and the software development lifecycle. Certified across a modern AI-assisted development stack (Claude Code, LangChain, LangGraph, Model Context Protocol) and skilled at using AI tools to accelerate high-quality software delivery. Currently completing a B.Sc. in Software Engineering with a strong academic record.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, Tailwind CSS, HTML, CSS, JavaScript

Backend: Node.js, Express, PHP, Python, Java, C, Django

Databases: MongoDB

AI Development Tools: Claude Code, Codex, Cursor

Tools & DevOps: Git, GitHub, Docker, Vercel, VPS, CI/CD, Postman, Visual Studio, Figma, MS Office

WORK EXPERIENCE

Frontend Developer — Workflow *Jul 2026 – Present*

- Develop and maintain user-facing features for Workflow, a SaaS command center that helps agile teams organize plans, manage work, and collaborate in one place.
- Build responsive interfaces with Next.js, TypeScript, and Tailwind CSS, and integrate them with backend services.
- Collaborate with the team using Git/GitHub for version control and Vercel for deployment.

Co-Mentor, CodeMap Program — TAQAT Academy *Jul 2026 – Present*

- Support a lead mentor in guiding a cohort of trainees through the CodeMap software development program.
- Coach trainees on writing clean, maintainable code and applying the Software Development Life Cycle (SDLC) to real projects.
- Help trainees adopt AI development tools effectively and responsibly to improve productivity and code quality.

Frontend Developer (Trainee) — TAQAT Academy — CodeMap Program *May 2026 – Aug 2026*

- Owned the entire frontend of Masar, an enterprise and NGO management platform, as part of a professional development team under mentor supervision.
- Built the application's user interface with Next.js and collaborated using Git, GitHub, and Vercel in a professional software development workflow.

PROJECTS

Masar masar-ivory-beta.vercel.app/

- A comprehensive management system for NGOs and institutions, covering organizational and operational workflows end-to-end.
- Built the frontend with Next.js; backend developed in Laravel by a teammate. Used Git/GitHub, CI/CD, Vercel, and Postman for collaboration, deployment, and API testing.

Workflow www.workflownets.com/

- A SaaS command center for agile teams to organize plans, manage work, and collaborate from one place.
- Contributed as Frontend Developer using Next.js, TypeScript, Tailwind CSS, Git/GitHub, and Vercel.

Shifa shifa-three-nu.vercel.app/

- An integrated healthcare platform connecting hospitals, clinics, doctors, pharmacies, and patients in a single system.
- Helps patients book appointments, track prescriptions, and communicate with healthcare providers without navigating multiple separate systems.
- Built with Next.js, TypeScript, Tailwind CSS, Git/GitHub, and Vercel.

Personal Portfolio protflio-peach.vercel.app/

- A personal portfolio site showcasing projects and skills as a full stack web developer.
- Built with Next.js, TypeScript, Tailwind CSS, and deployed on Vercel.

EDUCATION

B.Sc. in Software Engineering — Al-Azhar University, Gaza — Faculty of Engineering and Information Technology
Expected 2027

- Level 5 of 5 · GPA: 87%

CERTIFICATIONS

- CodeMap Training Certificate — TAQAT Academy
- LangChain Academy Certificate — LangChain
- LangGraph Certificate — LangChain
- Claude Code 101 — Anthropic
- Claude Code in Action — Anthropic
- Introduction to Model Context Protocol — Anthropic
- AI Fluency: Framework & Foundations — Anthropic

LANGUAGES

Arabic: Native | **English:** Fluent