MAHMOUD FARAG ABDELKARIM SALEM

Full Stack Web Developer

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PROFESSIONAL SUMMARY

Full Stack Web Developer with strong proficiency in backend development using Node.js and Express, and frontend development using React and Next.js. Experience delivering NGO management, SaaS, and healthcare applications, while mentoring peer developers on clean code and the software development lifecycle. Effectively uses AI tools to accelerate development, solve problems, and improve code quality through critical review of generated code. Currently completing a B.Sc. in Software Engineering with an 87% GPA.

TECHNICAL SKILLS

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

Backend: Node.js, Express

Databases & Query Languages: PostgreSQL, MongoDB, SQL

AI Development: Claude Code, Codex, Cursor; effective prompting and code review

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

Mobile Development: Foundational knowledge of Flutter and Dart; AI-assisted app development

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.

KIM - Personal Finance App github.com/MahmoudSalem322/KIM

- Offline-first personal finance app built with Flutter and Dart for tracking wallets, income, expenses, budgets, savings goals, debts, and recurring payments.
- Uses Riverpod, GoRouter, and Sembast for state management, navigation, and local storage. Supports Arabic/English, multi-currency tracking, reports, and encrypted backups.

Qabas - Personal Learning Workspace github.com/MahmoudSalem322/personal_learning_os

- Offline-first Flutter app for web and Android that organizes learning resources, Markdown notes, tasks, and progress in a unified workspace.
- Built with Dart, Material 3, Riverpod, GoRouter, and Sembast. Includes global search, reminders, local backups, Arabic/English support, and light/dark themes.

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