

Mostafa Rawhy

Frontend Engineer · React · Next.js · TypeScript

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SUMMARY

Frontend Engineer with hands-on commercial experience building and delivering full-stack web applications. Shipped two paid client projects via Upwork — a production clinic management system (RBAC) and a fully animated agency landing page. Focused on React, Next.js, and TypeScript.

Former Army Captain — I bring the same discipline and ownership to code that I brought to leading teams.

TECHNICAL SKILLS

- **Stack:** React, Next.js 15, TypeScript, JavaScript (ES6+), React Router, Tailwind CSS, HTML5, CSS3, Vite, Node.js
- **Data & Auth:** Prisma 5, PostgreSQL, NextAuth.js v5, JWT, Google OAuth, MongoDB, Firebase
- **UI:** Ant Design, Material UI, Styled Components, Framer Motion — responsive, mobile-first, cross-browser (Chrome/Firefox/Safari)
- **State Management:** Context API, Zustand
- **Tooling:** Git, Vercel, Sanity.io, Chrome DevTools, npm, Scrum
- **Practices:** Component Architecture, Performance Optimization, Data Visualization, REST APIs, Debugging, Code Review
- **Languages:** English (Fluent), Arabic (Native), German (A2)

WORK EXPERIENCE

Frontend Developer — Freelance — Upwork

03/2026 | Remote

Delivered · 5-star review · Next.js 15 · TypeScript · PostgreSQL · NextAuth.js v5 · Tailwind · Recharts · Prisma 5

Live Demo: DentaFlow — Dental Clinic Management System [🔗](#) | Repo [🔗](#)

- Delivered a production clinic management system for a dental practice, increasing daily appointment capacity from 18 to ~25 (39%), replacing an Excel workflow that was blocking clinic growth.
- Built RBAC for 5 users across 3 roles (Admin, Dentist, Receptionist) using NextAuth.js v5 + Next.js middleware, JWT; zero access conflicts post-launch.
- Shipped appointment scheduling with conflict detection, patient management, weekly calendar, and an analytics dashboard (Recharts) — client reported measurably fewer errors and smoother daily operations.
- Resolved a UTC+2 timezone mismatch by replacing ISO string parsing with local Date constructor, eliminating a class of scheduling errors across server and client.

Frontend Developer — Freelance — Upwork

04/2026 | Remote

Delivered · 5-star review · Next.js 15 · TypeScript · Tailwind CSS v4 · Framer Motion · Sanity.io · Vercel

Live Demo: Eywa Studio — Agency Landing Page [🔗](#) | Repo [🔗](#)

- Built a production client site with CMS-driven content, SSR architecture, and a full animation system across 10 sections, server/client component split, and Sanity CMS integration across 6 content types
- Achieved 100 Performance / 100 SEO / 100 Best Practices / 90 Accessibility on desktop Lighthouse

PROJECTS

GitTrack — GitHub Developer Analytics Dashboard | Live Demo [🔗](#)

02/2026 – 03/2026

Personal Project — Next.js 15 · TypeScript · Recharts · GitHub API · OpenRouter AI · Vercel — Repo [🔗](#)

- Built a GitHub analytics dashboard profiling any public developer account with interactive Recharts visualisations and AI-generated developer profiles via OpenRouter.
- Architected a mapping layer between the GitHub API and UI, preventing raw API coupling; resolved case-sensitive import failures causing silent production build errors on Vercel

PROFESSIONAL EXPERIENCE

Captain & Technical Operations Officer,

06/2016 – 10/2024 | Egypt

Egyptian Armed Forces & Military Academy

- Led 40+ personnel in time-critical operations — executing under strict timelines with zero margin for error.
- Managed resource allocation and logistics across multiple departments under sustained high-pressure conditions.
- Designed technical training for 30+ cadets per cycle, simplifying complex material for full unit certification.

EDUCATION

Post-Graduate diploma

2024 – Present | Cairo, Egypt

Arab Academy for Science & Technology

Bachelor's degree in Military Science

2012 – 2016 | Cairo, Egypt

Military Academy of Egypt