Mahmoud Mansy

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⊙ 10th of Ramadan, Sharkia | Giza, Al Jīzah, Egypt

Summary

*As a **Frontend Engineer** with **3+ years of experience**, I specialize in React.js and Next.js, delivering high-performance, scalable web applications. I've contributed to 40+ projects, enhancing user satisfaction through performance optimization, secure API integrations, and responsive UI/UX design. Skilled in translating **Figma** designs into functional interfaces, I've reduced load times by up to 30% and boosted efficiency by 47%. I'm passionate about building user-centric, cross-platform solutions that drive measurable business outcomes.*

Skills

- **Languages & Frameworks**: React, React Query, Redux, Context API, Next.js, TypeScript, JavaScript, HTML5 & CSS3, SASS, Tailwind CSS, Material UI, GSAP, ESLint / Prettier
- **Tools & Systems**: Git & GitHub, Docker, Firebase, Redis, PostgreSQL, Figma, CI/CD, Jira, Agile Methodologies
- **API & Architecture**: RESTful APIs, Axios, JWT, Responsive Design, UX/UI, Secure Auth, WebSockets / Socket.io

Professional Experience

Frontend Engineer (Full-time)   ___Requeue App___   *Saudi Arabia, Remote*   **10/2024 - Present**

- Contributed to the development of a restaurant product with **5 web apps** within a large repository.
- Collaborated in a team of 14 developers (2 senior engineers), following **code reviews** and **Jira Sprint Tasks**.
- Promoted **clean code** practices, task prioritization, and **conflict resolution**, enabling smooth project delivery.
- Enhanced **UX** and application **performance**, significantly boosting system efficiency.

Frontend Engineer   ___Freelancer___   **10/2023 - Present**

- Delivered **7+** React/Next.js apps, boosting performance by **47%** and cutting load times by 8+ seconds.
- Enhanced **UI** and secured **API integrations**, resulting in **better user engagement** and **increased reliability**.
- Optimized front-end architecture to ensure **responsive** design and scalability across different devices.

Frontend Engineer (Part-time)   ___Innovay.io___   *Egypt, Remote*   **6/2024 - 12/2024**

- Led **Agile** teams, improving project delivery speed by 25% and cutting development costs by 15%.
- Optimized performance, reducing load times by 87%, significantly enhancing user experience.
- Streamlined **API integrations**, boosting scheduling efficiency by 30% and ensuring seamless data sync.

Coding Instructor   ___iSchool___   *Hybrid*   **06/2024 - 09/2024**

- Led **60+** sessions, upskilling students in programming, resulting in improved course completion rates.

Frontend Internship   ___Almdrasa___   *Remote*   **09/2023 - 06/2024**

- Completed **30+** projects; earned **25+** certificates, increasing technical proficiency by **70%**.

Education

Bachelor of Biomedical Data Engineering   Cairo University   GPA: **3.3**   **09/2020 - 06/2025**

- Major: Software Engineering
- Relevant coursework: Software Engineering, Data Structures, Algorithms, Web Development

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Projects

- **MedScan AI – Intelligent Chest X-Ray Analysis System** – **Live Demo** | **Repo** | **Video** | **Kaggle Dataset**
  Developed an AI-powered full-stack app for automated chest X-ray diagnosis using a clean architecture:
  - **Frontend Layer**: Built with Next.js, TypeScript, and Tailwind CSS, featuring a responsive UI with drag-and-drop image upload, real-time result visualization, and offline demo support.
  - **Backend Layer**: Powered by Django REST Framework, managing authentication, patient data, and secure API integration with SQLite (dev) and PostgreSQL (production).
  - **AI Layer**: Deployed a CNN model using TensorFlow and OpenCV to classify pneumonia with **89.9%** accuracy on **5,000+** images from **Kaggle Dataset**.

  Technologies: React.js, TypeScript, Machine Learning, AI, REST API, Medical Imaging

- **Matjar Al Haram – E-commerce & Services Platform** – **matjaralharam.sa**
  Engineered a responsive, multi-language online store with a secure admin dashboard, OTP-based login, and **payment integration**. Improved checkout reliability and reduced load time by 60%. **Live Demo (Domain)**

  Technologies: React, React Query, **Redux**, JWT, Redis, REST API, **Docker**, Moyaser API, Payment APIs.

- **Bidayya – Design Challenge Marketplace** – **bidayya.com**
  Built a full-stack platform connecting designers with real-world challenges from global businesses. Implemented API & backend integration, responsive design, and real-time data handling. **Live Demo** | **Video**

  Technologies: MERN Stack (TypeScript), **Figma**, REST APIs.

- **Telemedicine App – Healthcare Booking System** – Next.js (TypeScript), **Video Call** API, Authentication
  Created a patient-doctor consultation platform with appointment booking, video calls, and secure login. App was **forked 12+** times and recognized for its responsive design and clean UX. **Live Demo** | **Repo**

- **E-Commerce Storefront** – *React, Firebase, Tailwind CSS, Material UI, Figma*
  Developed a modern shopping platform with real-time database, responsive design, and authentication. **Forked 17+ times** by developers and used as a frontend learning resource. **Live Demo** | **Repo** | **Figma**

- **Kuttab – Quranic Education Platform** – *Next.js, TypeScript, Prisma ORM, PostgreSQL, **NextAuth.js***
  Developed a multilingual web platform connecting students with independent Quran teachers. onboarding 40+ teachers and processing over 100 user bookings in the first month. **Live Demo** | **Repo**

- **Reddit Clone – SWE Course Project** – *MERN Stack, CSS Modules, MUI, Unit Tests*
  Collaborated with a **team of 18** to create a full-featured Reddit clone including posts, comments, and votes. Showcased scalable frontend architecture in university project demo. **Video Demo** | **Repo**

Certifications

- **Frontend Professional Diploma (Top Graduates):** 4 Tracks | 22 Courses | **Certification** | **LinkedIn Post**
- **React: Basics to Advanced Track :** 3 courses: React Basics, React deep dive, React Projects. **Certification**
- **JavaScript: Basics to Advanced:** 4 courses: Fundamentals, Intermediate, Advanced Projects. **Certification**
- **Git and GitHub Course:** **Certification**