Mahmoud Mansy

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

Summary

As a **Frontend Engineer** with over **two years of experience**, I have contributed to **50+ projects** that drove measurable business outcomes, enhancing system performance and user satisfaction. I specialize in optimizing web applications, leading teams to achieve significant performance boosts, such as a 47% increase in efficiency and reducing load times by 8+ seconds. My expertise includes secure API integrations, performance optimization, and UX/UI design, delivering scalable, high-quality solutions across multiple platforms.

Skills

- **Languages & Frameworks**: React, Redux, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind, Material UI
- **Tools & Systems**: Git, Docker, Firebase, Redis, PostgreSQL, Figma, CI/CD, Jira, Agile
- **API & Architecture**: RESTful APIs, JWT, Responsive Design, UX/UI, Secure Auth, Performance Optimization
- **Other**: UNIX/Linux, TLS/SSL/HTTPS, Python (basic), Django (familiar), Network Fundamentals (TCP/IP)

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 Computer Engineering   _**Cairo University**_   **GPA: 3.3**   **09/2020 - 06/2025**

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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. **Live Demo**
  - **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**.

- **Matjar Al Haram – E-Commerce Platform** – *React, React Query, JWT, Redis, **Docker**, Moyaser API*
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)**

- **Bidayya – Learning Management System (LMS)** – *MERN Stack (TypeScript), **Figma**, REST APIs*
Built a scalable LMS platform from Figma design, handling user registration, course management, and instructor dashboards. Delivered project within 1 month with complete backend integration. **Live Demo** | **Video Demo**

- **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**

- **Kottab – 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**

Note

Eager to apply my skills in real-world development environments, learn from experienced engineers, and contribute to meaningful products that prioritize user experience and performance.