

# Mohamed Elkady | Frontend Engineer

Cairo, Egypt (Open to Remote / Relocation) • (+20) 1154173329 • mohamed.elkady@gmail.com • [LinkedIn](#) • [Github](#)

---

Frontend Engineer with 6+ years of experience building fast, scalable, and accessible web applications using React and modern JS ecosystems. Skilled in solving performance bottlenecks, enhancing user experience, and contributing directly to business growth through feature development and UX optimization.

---

## CORE COMPETENCIES

- **Front-End Development:** ReactJS, VueJS, NextJS, JavaScript (ES6+), TypeScript, HTML5, CSS3, MUI, SASS, Styled Components, TailwindCSS, CSS-in-JS.
  - **State Management:** Redux, React Hooks, React Context API, React Query.
  - **Performance Optimization:** Core Web Vitals, Lighthouse Audits, Lazy Loading, Bundle Splitting, Tree-Shaking, Responsive Web Design, Web Vitals Optimization, Cross-Browser Compatibility.
  - **CI/CD and Deployment:** GitHub Actions, Docker, Vercel, Firebase Hosting, Netlify, GCP.
  - **Design and Prototyping:** Figma, Sketch.
  - **Version Control:** Git, GitHub, GitLab.
  - **Testing & QA:** Jest, React Testing Library, Collaboration with QA Teams..
  - **APIS:** RESTful APIs, GraphQL.
  - **Build Tools:** Webpack, Babel.
  - **Web Security Best Practices:** Secure coding standards, WCAG 2.1 compliance.
  - **Agile Methodologies:** Agile, Scrum, Kanban, Jira, ClickUp, Slack.
- 

## PROFESSIONAL EXPERIENCE

### Digified, Cairo, Egypt *Senior Frontend Engineer*

06/2025 – Present

- Leading frontend development for **FRA-regulated eKYC** and **eContract** platforms, including the **e-Contract dashboard** and the **FRA portal dashboard**, using **React** and **Vue**.
- Designed and implemented a **modular base project architecture** with a **dynamic service layer** to support **multi-service integrations** and enhance scalability.
- Ensured **WCAG 2.1 accessibility compliance** and optimized performance through **lazy loading**, **bundle splitting**, and **image optimization**.
- Standardized development environments using **Docker**, resolved **UI/UX issues**, and collaborated cross-functionally to deliver robust, **regulation-compliant interfaces**.
- Maintained clear **changelogs** and comprehensive **frontend documentation** to support onboarding, cross-team collaboration, and ongoing platform evolution.

### TMA, Berlin, Germany *Senior Frontend Engineer*

11/2024 – 06/2025

- Built the **frontend architecture** of TMA's inventory management platform from scratch using **ReactJS** and **TypeScript**, with a focus on scalability and maintainability.
- Introduced a robust **network layer** to streamline API communication and enhance error handling.
- Developed key modules including **stock management**, **real-time notifications**, and **Google Maps integration** to visualize warehouse locations, boosting operational transparency.
- Designed **reusable components** and efficient state logic, reducing UI bugs and accelerating feature delivery.
- Collaborated closely with **backend developers** and **product managers** to ship high-impact features on time, improving customer satisfaction and retention.

### Dataford, San Francisco, CA *Frontend Engineer*

01/2023 – 11/2024

- Collaborated closely with **UI/UX designers** to translate complex design prototypes into responsive, user-friendly interfaces.
- Introduced **AI-powered features** to the platform, enhancing user experience by delivering personalized content and intelligent recommendations.

- Identified and eliminated redundant API calls, implementing request deduplication logic that **reduced API traffic by 30%**, leading to significant **cost savings on cloud infrastructure**.
- Proposed and helped implement a **gamification system**, later adopted across the entire platform. This feature significantly **boosted user engagement**, increased average session length, and **converted more free users to premium** through incentive-based mechanics like “Datacoins” and user rewards.
- Optimized performance by applying **lazy loading**, **bundle splitting**, and **tree-shaking**, leading to 40% faster load times and a measurable **17% uplift in paid signups**.
- Migrated the platform to **NextJS**, boosting SEO performance and increasing organic traffic by over **40%**.
- Focused on accessibility (WCAG 2.1), helping secure high-value contracts with institutions requiring compliant platforms.

## Egyptian Army, Cairo, Egypt

04/2020 – 10/2022

### Software Engineer

- Developed secure, internal web tools for communication and logistics under strict security protocols.
- Built responsive UIs that improved operational reporting efficiency by 30% across key command centers.

## Upwork, San Francisco, CA

01/2019 – 01/2023

### Top Rated Freelancer

- Delivered custom **React-based web applications**, integrating backend services via **GraphQL** and **RESTful APIs**.
- Collaborated with backend teams to integrate GraphQL APIs, **reducing API response times** by 50%
- Implemented SEO strategies and **Google Lighthouse audits**, improving web traffic by 60% and achieving a Lighthouse score of 99%.
- Developed cross-browser compatible interfaces, reducing QA time by 15% and achieving 100% compliance with **WCAG 2.1 accessibility standards**.
- Built CI/CD workflows for clients using **Netlify** and **Firebase Hosting**, ensuring smooth and automated deployments.

---

## EDUCATION & CERTIFICATIONS

**B.Sc. Computer Science** | Zagazig University, Egypt | 2015 - 2019

**Nanodegree: Front-End Web Development** | Udacity

**React Developer** | ZTM Academy

**JavaScript Algorithms** | freeCodeCamp

---

## PROJECTS & ACHIEVEMENTS

- **CI/CD Automation:** Built automated deployment pipelines using GitHub Actions with monitoring on Firebase Hosting, reducing deployment time by 25%
- **Performance Optimization:** Resolved ReactJS render bottlenecks with memoization and component restructuring, improving render times by 40%.
- **User Engagement:** Led UX and Core Web Vitals improvements at Dataford, increasing user engagement by 25% and boosting retention metrics.
- **AI-Driven Learning Tools:** Contributed to AI-based answer evaluation tools that delivered real-time feedback and personalized recommendations, enhancing learning outcomes.
- **Web Security Compliance:** Championed the implementation of secure coding standards, ensuring compliance with industry security protocols and improving Dataford resilience against potential vulnerabilities.
- **Cross-Browser Compatibility:** Delivered fully compatible UI solutions across major browsers, cutting QA time by 15% and achieving WCAG 2.1 compliance.
- **Frontend Leadership:** Mentored junior developers on React best practices, increasing team efficiency and code quality by 25%.
- **Collaborative Feature Delivery:** Partnered with design and backend teams to launch high-impact features, driving a 20% increase in user retention.

---

## TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS.
- **Frameworks:** ReactJs, NextJs, NodeJs, ExpressJs, TailwindCSS, Bootstrap, MUI.
- **State Management:** Redux, React Hooks, React Context API, React Query.
- **Cloud Platforms:** Firebase, GCP, AWS (basic knowledge)

- **Tools:** Git, Docker, Webpack, Babel, NPM, CSS-in-JS (Styled Components).
- **APIs:** RESTful, GraphQL.
- **Testing:** Jest.
- **Optimization:** Web Vitals Optimization, Core Web Vitals, Google Lighthouse.
- **Design Tools:** Figma

---

## CONTACT DETAILS

[LinkedIn](#) | [mohamed.elqady@gmail.com](mailto:mohamed.elqady@gmail.com) | (+20)1154173329