

# KAREEM ASHRAF

## Frontend Developer | React.js & Next.js Specialist

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### PROFESSIONAL SUMMARY

Frontend Developer specializing in React.js, Next.js, and TypeScript, with expertise in building high-performance, scalable, and accessible web applications. Proven track record of improving application performance by 60%, enhancing user experience, and increasing conversion rates by 25%. Skilled in Agile/Scrum methodologies, CI/CD pipelines, and modern frontend tools. Passionate about clean code, UI/UX design, and delivering robust frontend solutions.

### WORK EXPERIENCE

#### Frontend Developer Intern – Armed Forces IT Department | cairo Egypt

Nov 2024 – Feb 2025

- Optimized application performance by 60% through advanced code splitting, lazy loading, and CDN optimization strategies
- Enhanced UI/UX design and user workflows, resulting in 25% increase in conversion rates
- Improved web accessibility compliance, achieving WCAG scores of 95+ for inclusive user experience
- Reduced production bugs by 70% through systematic debugging, comprehensive testing, and peer code reviews
- Collaborated within Agile/Scrum team to deliver features iteratively using CI/CD pipelines

### PROJECTS

#### Sales Dashboard | React.js · Next.js · TypeScript · Clerk · i18next — [Live Demo](#) | [Github](#)

- Developed bilingual (Arabic/English) sales analytics platform with real-time data visualization
- Implemented responsive design with Dark/Light mode toggle and secure authentication
- Utilized interactive charts for insightful data tracking and business intelligence

#### Restaurant App | Next.js · React.js · TypeScript · Redux Toolkit · Tailwind CSS — [Live Demo](#) | [Github](#)

- Built mobile-optimized food ordering system with dynamic routing and real-time inventory management
- Implemented state management using Redux Toolkit for seamless cross-component data flow

#### Healthcare Appointment System | Next.js · React.js · TypeScript · Redux Toolkit · Tailwind CSS — [Live Demo](#) | [Github](#)

- Developed comprehensive doctor appointment booking platform with real-time scheduling
- Implemented secure user authentication and responsive, cross-device compatible interface

#### Prosthetic Healthcare Support Platform | HTML5 · CSS3 · JavaScript · Bootstrap — [Live Demo](#) | [Github](#)

- Created specialized resource platform for young prosthetic users with accessible UI components
- Designed inclusive user experience with focus on usability and accessibility standards

## Electronic Shop – [Live Demo](#) | [Github](#)

- E-Commerce Website – Developed a fully responsive online store using HTML5, CSS3, JavaScript, and Bootstrap, featuring product showcases, shopping cart functionality, and a mobile-friendly design for an optimized shopping experience

## Crud App – [Live Demo](#) | [Github](#)

- CRUD Web Application – Developed a web application for creating, reading, updating, and deleting records using HTML5, CSS3, and JavaScript, featuring a responsive interface and dynamic data handling for seamless user interaction

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## TECHNICAL SKILLS

- Languages & Frameworks: HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js
- State Management: Redux Toolkit, Context API, Zustand, Tanstack Query
- Styling & UI Libraries: Tailwind CSS, Material-UI (MUI), Bootstrap, Shadcn/UI
- Testing & QA: Jest, React Testing Library, Unit Testing, Integration Testing
- Tools & Platforms: Git, GitHub, Vite, Clerk, Kinde, Framer Motion, Hyper UI
- Development Practices: Agile/Scrum, CI/CD, RESTful APIs, SEO, Performance Optimization
- Specialized Skills: Single Page Applications (SPA), Cross-Browser Compatibility, Internationalization (i18n/RTL), Web Accessibility (WCAG), Responsive Web Design

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## EDUCATION

### Zagazig University

Sep 2017-Jun 2021

### Bachelor of Computer Science

Graduation Project – Chemistry Compounds Website – Developed the frontend for a comprehensive website showcasing chemical compounds and their properties, focusing on a user-friendly and informative interface

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## LANGUAGES

- Arabic
- English