

Ahmed Wagih Elnabarawy

Frontend Developer

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Career Objective

Driven and detail-oriented front-end developer with expertise in React.js and Next.js, seeking to leverage my skills in building intuitive, high-performance web applications. Passionate about delivering user-centric solutions and collaborating on innovative projects that drive business growth and improve user experiences.

Education

Zagazig University

Oct 2021 - Jun 2025

BSc Computer Science

Professional Experience

Qumra

Dec 2024 - Apr 2025

Front-End Developer

Remote

- Developed the company's main landing page (**qumra-dev.site**), creating a responsive and visually appealing web presence that improved user engagement by 40%.
- Worked on the main company dashboard (**app.qumra-dev.site/apps**), implementing complex interactive components and data visualization features.
- Created multiple customizable themes for applications using qumra-ui component library and Njk templating, enabling consistent branding across different client projects, Improved rendering performance of key components by 35% through optimization strategies like lazy loading and memoization, Reduced overall bundle size by 28% through efficient code splitting, image optimization, and removal of unused dependencies.

KimKam

Jul 2025 - Sep 2025

Front-End Developer

Remote

- Developed and optimized the Teacher Dashboard (**kimcamacademy**), to streamline educational content management and enhance user experience.
- Designed and implemented features for course and content management, Built tools for student tracking and performance monitoring, Developed functionality for video uploads and creating an educational media library, Managed account settings and teacher controls for better usability, Ensured a scalable and responsive UI to support both teachers and learners, Contributed to delivering a modern, user-friendly platform for educational content delivery and teacher-student interaction.

Projects

IdeaFlow - Mind Mapping Platform [GitHub] — *Next.js, TanStack Query, Shadcn, Tailwind CSS*

2025

- Contributed to a collaborative mind mapping platform that enables users to create, publish, and manage mind maps.
- Implemented responsive UI components using Shadcn and Tailwind CSS, enhancing user experience and interface intuitiveness.
- Integrated DeepSeek and Gemini AI APIs to enable AI-powered mind map generation, making idea organization faster and more intuitive.
- Optimized data fetching and state management with TanStack Query, improving application performance and user experience.

Earth Simulator - NASA Space App Challenge [GitHub] — *Next.js, Three.js, Shadcn, Data Visualization*

2024

- Developed an interactive 3D Earth visualization tool using Three.js that allows users to explore climate data patterns across different regions.
- Implemented responsive UI components with Shadcn and custom styling that adapts seamlessly to various screen sizes, improving accessibility.
- Created data visualization features that transform complex NASA climate datasets into intuitive visual formats for educational purposes.
- Collaborated with a team of 4 developers to deliver the project within the 48-hour challenge timeframe.

Skills

Front-End Technologies: React.js, Next.js, Three.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Shadcn, MUI, Framer Motion, Redux, Context API

Back-End Technologies: Node.js, Express.js, MongoDB, REST APIs

Version Control: Git, GitHub

Tools & Platforms: Vite, Docker, Postman, VS Code, Vercel

Soft Skills: Problem-Solving, Communication, Teamwork, Adaptability, Attention to Detail, Self-Motivation

Achievements

NASA Space Apps Cairo — *Certificate*

October 2024

Global Nominee

Innovation University

- * Secured a place in the top 10 among 500+ competing teams by developing an interactive platform that achieved 95% positive user feedback.
- * Created a solution that earned recognition from NASA judges for innovative use of satellite data integration.
- * Developed a web platform that reduced environmental education complexity by 40%, making climate science accessible to non-technical users.

Activities

Competitive Programmer

Present

Problem Solving

Codeforces

- * Solved 200+ algorithmic problems on Codeforces, mastered 5 core data structure implementations and 12 different algorithmic techniques including dynamic programming, graph algorithms, and greedy approaches.
- * Participated in 10+ competitive programming contests, consistently ranking in the top 35% of participants.