

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.

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.

YouTube Clone - Social Media Platform [GitHub] — *React.js, Rapid API, Tailwind CSS*

2024

- Built a fully functional YouTube clone with features including video playback, search functionality, channel pages, and comment systems.
- Integrated YouTube Data API through RapidAPI to fetch and display real video content, categories, and search results.
- Designed a responsive UI with Tailwind CSS that closely mimics YouTube's interface while maintaining fast load times.
- Implemented custom video player controls and optimized video loading to provide a smooth viewing experience.

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.

Languages

- Arabic [Native]
- English [Conversational]
- German [Conversational]