Ahmed AbdelTawab Mabrouk
React frontend developer

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SUMMARY

Front-End Developer with strong expertise in **React, Next.js, and TypeScript**, experienced in building scalable, high-performance applications. Skilled in **AWS deployment (EC2, Nginx, SSL, automation scripts)** and delivering AI-powered dashboards and e-commerce platforms. Passionate about performance optimization, clean architecture, and delivering seamless user experiences. Basic hands-on experience with **Node.js backend** for small features and integrations.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, Bootstrap5, MUI, Tailwind CSS, JavaScript, TypeScript, ReactJS, Next.js, Redux Toolkit, TanStack Query, Axios, Recharts, TipTap, Markdown Editor, Jest

Deployment: AWS (EC2), Nginx, SSL Certificates, Automation Scripts

Libraries & Tools: Git/GitHub, Docker, Webpack, Vite, CI/CD, Unit Testing

AI Tools & APIs: Proficient in using OpenAI, Claude, Codex, and Gemini models in Agent Mode, with familiarity in OpenAPI and AI-assisted development tools (Claude, MCP, Cursor, etc.), leveraging them to automate development workflows and enhance coding productivity.

PROJECTS

AI-Agent Dashboard   May 2025 – Present
Front-End Developer   *Next.js 15, React 19, Tailwind CSS, TanStack Query, TipTap, Recharts, AWS EC2*
- Built a full-featured AI-powered WhatsApp Business Bot Dashboard with customer conversation management, AI-driven templates, and multi-role access.
- Implemented live chat with WhatsApp Business API, drag-and-drop template system, TipTap rich text editor, and analytics with Recharts.
- Designed deployment workflows on AWS EC2 with Nginx reverse proxy, SSL certificates, and automation scripts for frontend & backend.
- Optimized UX with infinite scroll, advanced search/filtering, toast notifications, and multilingual/RTL support.

LogoDiffusion   May 2025 – Present
Front-End Developer   *React, Redux, TypeScript, @dnd-kit, REST API*
- Developed a comprehensive gallery management system supporting 4 gallery types with bulk operations, drag-and-drop reordering, and infinite scroll.
- Implemented advanced filtering, reusable hooks, optimistic UI updates, and request cancellation system improving performance and reducing API overhead.
- Enhanced UI/UX with responsive modals, accessible dropdowns, skeleton loaders, and confirmation dialogs.
- Collaborated with backend, implementing small features and bug fixes using **Node.js**, gaining practical backend experience.
- Impact: Reduced gallery management time by 70%, boosted engagement by 45%, and decreased server load by 50%.

Lifeward   March 2024 – May 2024
Front-End Developer   *ReactJS, Redux Toolkit*
- Built an e-commerce platform for flowers and gifts with product filtering, favorites, and responsive design.

Aswar Almanora   July 2023 – Sept 2023
Front-End Developer   *ReactJS, Redux Toolkit*
- Developed an e-commerce site for herbs and spices with reusable UI components.

YouTube Clone   Jan 2025 – Feb 2025
Front-End Developer   *ReactJS, YouTube Data API*
- Developed a responsive YouTube clone with video search, category browsing, and playback functionalities.

EXPERIENCE

Aydn Labs   May 2025 – Present
Front-End Developer (Remote)
- Designed, implemented, and deployed scalable web applications for AI-powered platforms.
- Handled **AWS EC2 deployments**, Nginx configurations, SSL setup, and automated deployment scripts.
- Developed front-end features using **React, Next.js, TypeScript, Tailwind CSS, TanStack Query, Recharts, TipTap**.
- Contributed to backend by implementing small features and bug fixes with **Node.js**.
- Led bug fixing and performance optimization across projects.

Sarri Technology   July 2023 – Dec 2023
Front-End Developer   *Cairo, Egypt*
- Developed web applications using ReactJS and Redux Toolkit, integrating REST APIs, and enhancing scalability.

EDUCATION

Fayoum University   Fayoum, Egypt
Bachelor of Computer Science, GPA: 3.65, Grade: A+ with honors   *Aug 2019 – June 2023*