Maryan Fawzy Covington, LA 70433
Frontend Developer US Citizen Eligible for DHS Public Trust Clearance
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PROFESSIONAL SUMMARY:

- Frontend Engineer with more than 4 years of experience delivering interactive and responsive applications using React, TypeScript, and modern web tools.
- Developed production-grade systems integrating AI, image analysis, and state management while mentoring junior developers in React and Next.js.
- Hands-on with performance optimization, accessibility, and testing using GSAP, TailwindCSS, and React Testing Libraries across real-time projects.
- Worked with Skinstric AI and Frontend Simplified to deliver scalable platforms, educational tools, and reusable component libraries.
- Certified in Data Science from Purdue University with a strong background in component design, state management, and cloud-based deployment workflows.
- Open to relocation, bringing full-cycle development experience from UI/UX prototyping to CI/CD deployment across modern frontend ecosystems.

TECHNICAL SKILLS:

Languages: JavaScript, TypeScript, HTML, CSS, SASS
Web Technologies: TailwindCSS, Bootstrap, jQuery, Axios, REST, HTML5, CSS3
Frameworks: React, Next.js, Redux, React Query, Zustand, React Hook Form, Firebase, Supabase, Microservices
Databases: Firebase Realtime DB, Supabase, MongoDB
Versioning Tools: Git, GitHub
Development Tools: Vercel, Netlify, Jest, React Testing Library, Stripe, Figma, VS Code
Cloud Service & DevOps: Vercel, Netlify, GitHub Actions
CI/CD: GitHub Actions, Vercel Deployment
Database Modeling: Firebase Schema Design, Supabase Modeling
Web & App Technologies: GSAP, Lottie, ShadCN/UI, OpenAI Vision API, Chart.js, Framer Motion
Business Tools: Slack, Zoom, Notion
Spoken Languages: English (Fluent), Arabic (Native)

EDUCATION:

- Bachelor of Arts in Media | Minia University, Egypt | Aug 2016 – May 2020 | GPA: 3.8
- Certificate in Data Science | Purdue University, USA | Aug 2023 | GPA: 3.9

WORK EXPERIENCE:

Skinstric AI – Remote
Frontend Engineer | Jan 2024 – Present

- Built an advanced skin analysis interface using Next.js 14 and OpenAI Vision API to identify multiple skin conditions in real time.
- Designed responsive layouts using TailwindCSS and Bootstrap, integrating GSAP animations for a seamless user experience.
- Enhanced component performance with Next.js Server Components and Lottie animations, significantly reducing analysis delays.
- Created reusable animation logic via GSAP timelines to streamline UX during skin scans and transitions.
- Developed modular product display components to support faster visual testing and layout shifts.

- Engineered a hybrid image analysis pipeline combining OpenAI APIs with custom data models for clearer visual diagnosis.
- Maintained clean and reusable code practices with React patterns and centralized state via Zustand.
- Collaborated with backend teams to align frontend rendering with AI-driven results for consistent output.

Technologies Used: React, Next.js 14, TypeScript, TailwindCSS, Bootstrap, GSAP, Axios, OpenAI Vision API, Lottie, Zustand, Firebase, Vercel, SASS, Chart.js

Frontend Simplified – Remote
Frontend Developer & Support Staff | Jun 2023 – Mar 2024

- Selected for peer mentoring based on strong performance, guiding students on React, Next.js, and TypeScript.
- Led group sessions on frontend optimization, reducing application load times through code-splitting and lazy loading.
- Created documentation and tutorials covering React component structure and reusable hooks for junior learners.
- Facilitated weekly coding labs focusing on SEO principles, web accessibility, and responsive design best practices.
- Built shared UI components using ShadCN/UI, improving visual consistency and reducing development time.
- Guided students through deploying projects using CI/CD tools like GitHub Actions and Vercel.
- Introduced hands-on labs with Axios and jQuery to build API-powered interfaces and dynamic form submissions.
- Organized workshops on UI animation using Framer Motion and GSAP to increase interactivity in student portfolios.

Technologies Used: React, TypeScript, Next.js, TailwindCSS, Bootstrap, ShadCN/UI, jQuery, Axios, Framer Motion, Firebase, GitHub, Vercel, SASS

Client: Axcess Financial – Cincinnati, OH
Frontend Developer | Jan 2021 – Mar 2023

- Contributed to internal web tools that improved business workflows by streamlining task automation and UI performance.
- Developed and maintained frontend interfaces using React and JavaScript, enhancing responsiveness and usability across internal dashboards.
- Integrated form validation and submission logic using React Hook Form and reusable components to simplify user interactions.
- Built API-driven features using Node.js and REST, ensuring secure and seamless data exchange with backend systems.
- Created frontend scripts for automated testing and validation of UI elements, improving release confidence.
- Participated in team code reviews and documentation efforts to promote clean, modular coding practices.
- Supported deployment processes using GitLab CI/CD, coordinating frontend updates with version-controlled releases.
- Worked with cross-functional teams to align UI behavior with user expectations and backend logic.

Technologies Used: React, JavaScript, Node.js, HTML, CSS, GitLab CI/CD, REST APIs, Git, VS Code, React Hook Form

PROJECTS:

Search API App

- Developed a search and display system for movies and media using dynamic routes and responsive pages.
- Integrated third-party APIs using Axios and jQuery for real-time search results.
- Designed user-friendly routing and loading states with Next.js for seamless navigation.

Animation Video App

- Created a motion-rich web experience using modern animation libraries and video integration.

- Built fully responsive UI using TailwindCSS and Bootstrap.
- Implemented scroll-based transitions and music playback using GSAP and Framer Motion.

Interests:

- Web development and UI/UX design
- Exploring new frontend technologies
- Mentoring and knowledge sharing