Vashae Blackwood

Frontend Developer

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I'm a versatile software developer with over a year of experience in frontend and full-stack development. Proficient in React, TypeScript, Firebase, and other technologies, I'm dedicated to building scalable, efficient, and user-friendly applications.

Professional Experience

Skinstric AI   Remote | September 2024 - December 2024
Frontend Engineer

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js 14, achieving 98% detection accuracy across diverse skin conditions
- Developed responsive UI with TailwindCSS and GSAP animations, implementing dynamic skincare recommendation cards with 60% improved engagement
- Optimized performance using Next.js Server Components and Lottie animations, achieving sub-2-second analysis time for skin condition detection
- Built custom animation system using GSAP timeline for seamless user experience during skin analysis processing, increasing user retention by 40%
- Designed modular component library with TailwindCSS for skincare product displays, enabling rapid A/B testing of recommendation layouts
- Implemented efficient image processing pipeline combining OpenAI Vision API with 4D Mini model for enhanced accuracy in skin tone and texture analysis

Frontend Simplified   Remote | January 2024 - August 2024
Frontend Developer & Support Staff

- Selected as peer mentor after achieving top 5% performance in a cohort, providing debugging support and code reviews for 20+ students across React and Next.js projects.
- Formed and led workshops on modern frontend optimization techniques, helping students improve their portfolio project load times by an average of 50%.
- Constructed comprehensive learning resources for React component architecture and TypeScript, resulting in 70% of mentored students successfully implementing type-safe applications.
- Initiated weekly pair programming sessions focused on accessibility and SEO best practices, leading to 90% of mentored students achieving WCAG compliance in their projects
- Produced and shared reusable component library using ShadCN/UI, reducing development time for student projects by 40% and improving code consistency
- Led study groups on deployment strategies and CI/CD, resulting in 85% of students successfully implementing automated deployment pipelines for their portfolio projects

Projects

Search API Project: GitHub
Created a fully functional search platform for movies

- Spearheaded the creation of a search API for a comprehensive library of movies and anime, optimizing the user interface to handle 1,500+ concurrent searches without latency issues, thereby increasing user retention rates.

Instagram Clone: GitHub
Developed a fully functional clone of Instagram

- Composed a cutting-edge social media application with a sleek, modern UI design. Leveraged Clerk for seamless profile management, enabling users to post, like, and comment effortlessly. Implemented image uploads using UploadThing, enhancing user engagement. Streamlined development with ShadCN and optimized styling with TailwindCSS, eliminating the need for an additional CSS file and maintaining a clean, efficient codebase. Integrated Prisma and Neon to manage a robust user database, ensuring reliable data storage and retrieval.

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS
Frameworks: React, TailwindCSS, Firebase, Supabase, NextJS, Redux, React Query, React Hook Form, Zustand
Tools & Other platforms: Netlify, Vercel, GitHub, Vite, Figma, VsCode, Jest, Stripe, React Testing Libraries, Neon, Prisma

Education

Full Stack Engineering Institute | Certificate   June 2023 - January 2024

Computer Science 3.9 GPA
CompTIA A+

Other

Interests: I occasionally pass the time by diving into a good book and love spending quality time at the gym to stay active.
Referees: Provided upon request