

Olamilekan Akinlusi

Frontend Developer

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(<https://olamilekanakinlusi.com/>)

A dynamic software developer with over a year of experience, specializing in frontend and full-stack development. Skilled in a diverse tech stack, including React, TypeScript, and Firebase. Driven by a passion for creating scalable, efficient, and user-friendly applications.

Professional Experience

Skinstric AI

Remote | September 2024 - December 2024

Software 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

Software Engineer & Support staff

- Selected as peer mentor after achieving top 5% performance in cohort, providing debugging support and code reviews for 20+ students across React and Next.js projects.
- Created and led workshops on modern frontend optimization techniques, helping students improve their portfolio project load times by an average of 50%.
- Developed 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
- Built 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 (personal)

Mulan Trailer UI (Netflix-inspired):

Created a one-line promo description for Netflix's Mulan trailer

- Developed a fully responsive UI with loading states and dynamic routing to showcase the Netflix *Mulan* trailer, highlighting individual content with a smooth user experience. [Github Link](#)

Library Platform Project:

Created a responsive library platform to showcase books with price and rating filters.

- Engineered a responsive library platform to dynamically showcase books, featuring integrated price and rating filters for enhanced user experience. [Github Link](#)

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

Education:

Full Stack Engineering Institute | Certificate @ [Frontend Simplified](#)

[June 2023 - January 2024](#)

Computer Science 3.9 GPA

North Central Texas College

[July 2024](#)

Information Technology 3.13 GPA

Other

Interests: Traveling, Exploring, Researching

Referees: Provided upon request