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](https://github.com/Olamilekan-creator/netflix-clone) [Link](https://netflix-ashy-two.vercel.app/)

**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](https://github.com/Olamilekan-creator/React-final-project) [Link](https://react-iota-henna.vercel.app/)

**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**](https://drive.google.com/file/d/1tK97f9BZ1OGSbfzKAmuhwk4D2QXGDKRw/view?usp=sharing) **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**