

DERRICK SIMILIEN

Frontend Developer

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derricksimilien.com

A creative and driven software developer with over a year of hands-on experience in frontend and full-stack development. I specialize in building intuitive, scalable applications using technologies like React, TypeScript, and Firebase. With a strong foundation in design thinking and user experience, I'm passionate about crafting solutions that are not only efficient—but meaningful, accessible, and built with purpose.

Professional Experience

Skinstric AI

Remote | September 2024 - April 2025

Frontend Engineer

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js, 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 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)

Film-Score Project: [Live Demo](#) | [Github Link](#)

Created a fully functional search platform for movies

- Developed and integrated a search API to display movies, anime, and more, featuring fully responsive design, dynamic routing, and loading states. Enabled users to perform large-scale searches and view detailed content on individual routes.

(NFT Market place projects): [Live Demo](#) | [Github Link](#)

Developed a React-based NFT platform for exploring digital artwork.

- A React-based NFT marketplace web app deployed on Vercel, designed to showcase digital artwork from multiple NFT creators. The platform dynamically fetches and displays user and artwork data via API integration, allowing users to explore individual artists and their collections in an interactive, visually engaging experience.

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](#)

June 2023 - January 2024

Bachelors, Criminal Justice, Florida Atlantic University 3.0 GPA

Other

Interests: (The Gym, Film/Television, Music)

Referees: Provided upon request