OSWALDO ABREU

Frontend Developer

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Frontend-focused software developer with hands-on experience building responsive, production-ready web applications using React, Next.js, and TypeScript. Strong foundation in full-stack development with the PERN stack, modern authentication, and payment integrations. Experienced in translating complex requirements into clean, accessible user interfaces, with additional cybersecurity training that informs secure frontend design and API integration.

Professional Experience

Skinstric AI   Remote | September 2024 - December 2025

Frontend Engineer

- Built and maintained a responsive, production-grade frontend using **Next.js, React, and TailwindCSS** for an AI-powered skin analysis platform.
- Integrated image-based AI analysis results into dynamic UI components, enabling real-time feedback and personalized skincare recommendations.
- Optimized frontend performance using **Next.js Server Components** and efficient asset loading, consistently achieving sub-2-second interaction times.
- Developed reusable, modular UI components to support rapid experimentation and layout iteration.

Frontend Simplified   Remote | December 2025 - Present

Frontend Developer & Support staff

- Selected as a peer mentor after ranking in the **top 5%** of the program, supporting students with React, Next.js, and TypeScript projects.
- Provided debugging assistance, code reviews, and architectural guidance for **20+ student applications**.
- Assisted students with deployment workflows using **Vercel and Netlify**, including environment variables and build troubleshooting.

Projects (personal)

AI Website Generator — Full-Stack Project | *Githublink | Livelink*

PERN Stack | Stripe | AI Integration | Auth

- Designed and built a full-stack web application that generates complete web pages from user prompts using AI.
- Implemented a **PERN stack** architecture (PostgreSQL, Express, React, Node.js) with modular frontend and RESTful backend services.
- Integrated **Stripe** for credit-based payments, allowing users to purchase and consume AI generation credits.
- Implemented authentication using **Better Auth**, managing protected routes and secure user sessions.
- Created custom middleware to handle AI prompt processing, request validation, and response formatting.
- Emphasized error handling, loading states, and clear user feedback throughout the application.

Search Movie Database — Frontend Application | *Githublink | Livelink*

React | API Integration | Dynamic Routing

- Developed a responsive movie search application using **React** and a third-party media API.
- Implemented search functionality, dynamic routing, and individual detail pages for selected titles.
- Managed application state, loading indicators, and error states to ensure a smooth user experience.

NFT Marketplace — Frontend Application | *Githublink | Livelink*

React | Tailwind CSS | API Integration | Git/GitHub

- Built a dynamic NFT marketplace by converting a static design into an interactive React application.
- Implemented responsive layouts and reusable components using Tailwind CSS.
- Integrated API-driven data rendering and client-side state management.
- Used Git and GitHub for version control, including feature branches and pull requests.

Technical Skills

Programming Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3
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

Payment Authentication: Stripe, Better Auth

Full Stack Engineering Institute | *Certificate*   Feb 2024 - August 2024 CompTIA
Certifications: CompTIA A+ | *Certificate* CompTIA Security+ | *Certificate* CompTIA CySA+ | *Certificate*

Other

Interests:

- Currently developing an **AI-powered automation tool** focused on streamlining and automating trading workflows in the stock market.
- Strong interest in building scalable, secure, and user-centric web applications.
- Continuous learner with hands-on experience across frontend, full-stack, and secure application design.

Referees: Provided upon request