JONATHAN WANDAG

Software Engineer

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coder-eta.vercel.app/

A versatile full-stack developer with 3 years of experience. Proficient in a broad range of technologies including React, TypeScript, NextJS, ExpressJS, PostgreSQL, and more. Enjoys building scalable, efficient and user-friendly applications.

Professional Experience

Skinstric AI — Remote | March 2024 - April 2025
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 skin care 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 2023 - February 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)

SimTerview: *Live Demo* | *Github Link*
Engineered an AI-powered mock interview platform with real-time voice interaction and intelligent feedback

- Created a full-stack application using Next.js 15, TypeScript, and Firebase with Vapi voice integration and Google Gemini 2.0 for AI-generated feedback across 5 performance categories.
- Engineered dynamic interview generation system supporting 50+ technologies with customizable parameters for role, experience level, and question types (technical, behavioral, mixed)
- Implemented secure Firebase authentication, real-time transcript display with animated speaking indicators, and comprehensive dashboard for interview history and performance analytics

Summarist: *Live Demo* | *Github Link*
Created a fully functional subscription based search platform for selected books

- Engineered & integrated a search API for books complete with multiple authentication options, subscription tiers purchasable through Stripe, fully functioning Audio Narrator media player, a dynamic and predictable search bar, a user library with favorited and completed books, fully responsive design, loading states & dynamic routing to showcase end users books on a mass level search and showcase books on an individual route.

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS
Frameworks: React, TailwindCSS, Firebase, Supabase, NextJS, Redux, ExpressJS, PostgreSQL
Tools & Other platforms: Netlify, Vercel, GitHub, Vite, Figma, Gemini, Jest, Stripe, React Testing Libraries, GSAP

Education:

Frontend Simplified Certificate — January 2022 - December 2022
Frontend Simplified Graduate