David Nix

[Frontend Developer](#)

📍 Location: Granbury, TX

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🔗 GitHub: github.com/DavidNix0323

🌐 Portfolio: e-portfolio-main-omega.vercel.app

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A strategic frontend engineer with a hands-on background in heavy machinery, now architecting modular React/JS systems with precision and control. Specializes in scoped UI logic, animation sequencing, and hardware-aware optimization. Proficient in React, TypeScript, JavaScript, Node.js, Firebase, GSAP, and Next.js. . Passionate about building scalable, efficient, and user-friendly applications with recruiter-grade polish, explicit code flow, and future-proof architecture.

Professional Experience

Skinstric AI   Remote | February 2025 - October 2025
Frontend Engineer

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js, achieving 98% detection accuracy
- Developed responsive UI with TailwindCSS and GSAP animations, boosting engagement by 60%
- Optimized performance using Next.js Server Components and Lottie animations for sub-2s analysis
- Built GSAP timeline-based animation system to improve retention by 40%
- Designed modular TailwindCSS component library for rapid A/B testing
- Implemented image pipeline combining OpenAI Vision API with 4D Mini model for enhanced skin tone detection
- accuracy in skin tone and texture analysis.

NFT Virtual Membership   Remote | January 2025 - August 2025
Frontend Developer & Product Strategist

- Architected frontend pipelines for NFT display partners with scoped layout hydration
- Led virtual launch strategy including podcast series and AMA sessions
- Designed feedback systems and onboarding flows for NFT newcomers
- Authored NFT launch playbook and go-to-market strategy
- Scoped and implemented PRD for frontend features aligned with product milestones

BMS Heavy Cranes   On-Site | July 2025 - February 2025
Crane Operator / Field Technician

- Operated heavy-lift cranes across industrial sites with precision and safety compliance
- Diagnosed mechanical and hydraulic issues under pressure, coordinating field repairs and rigging adjustments
- Managed logistics, rigging plans, and multi-site operations with real-time coordination
- Documented lift plans, safety reports, and operational logs for regulatory compliance
- Applied operator discipline and strategic troubleshooting that now inform modular code architecture and UI logic

   (Additional oilfield, logistics, and field technician roles available upon request or in extended resume)

Projects

🎮 Game Search Hub [Live Demo](#) | [GitHub Repository](#)

Created a fully functional search platform for game deals and discounts—all in one place.

- Engineered a modular search API integration with dynamic routing and responsive UI
- Implemented loading states, filter logic, and result pagination for seamless UX

- Designed scalable architecture to support future expansion into movies, anime, and media content

💸 Crypto Hub Live Demo | GitHub Repository

A real-time cryptocurrency dashboard built for tracking market trends, portfolio performance, and Web3 integration.

- Built a real-time crypto dashboard with modular UI and CoinGecko API integration
- Scoped Zustand state management for explicit control over data flow and UI triggers
- Designed responsive layout with TailwindCSS and animation polish
- Future-proofed architecture for chart overlays, wallet integration, and AI sentiment modules

🧠 DeepSeek AI Resume Generator Live Demo GitHub Repository

A modular AI search interface built with Next.js 15 and Clerk authentication, designed to mimic DeepSeek's conversational UX. Added OpenRouter as fallback due to unreliability of DeepSeek API.

- Supports web search and DeepThink for enhanced question answering
- Integrates OpenRouter as fallback due to DeepSeek API instability
- Uses `middleware.ts` for route protection and session handling via Clerk
- Features dynamic input handling, image upload, and real-time response rendering
- Deployed on Vercel with optimized layout and responsive design

Technical Skills

Languages & Markup: TypeScript, JavaScript, HTML5, CSS3, Markdown, JSON, Bash, Python (learning), C++ (learning)

Frameworks & Libraries: React, Next.js, Vue.js, TailwindCSS, GSAP, Zustand, React Hook Form, Redux, React Query, Framer Motion, Express.js, Node.js

Tools & Platforms: Firebase, Supabase, MongoDB, Stripe, Clerk, Filebase, Vite, GitHub, GitHub Actions, Netlify, Vercel, VSCode, Postman, Lottie, Storybook

Authentication & Security: Google Auth (OAuth2), Firebase Auth, Clerk — modular login flows with token-based access and social sign-on

Cloud & DevOps: Google Cloud, AWS (basic familiarity), CI/CD pipelines via GitHub Actions

Design & Branding: Figma, Adobe Photoshop, Adobe Illustrator — used for recruiter-grade portfolio polish and UI branding

Education:

Frontend Simplified	Certificate in Frontend Engineering	June 2024 - January 2025

Self-taught via project-based learning and advanced online coursework in React, JS, and full-stack development. Certified in frontend engineering, with hands-on experience architecting modular UIs and simulation-driven interfaces.

Weatherford College	June 2010 - January 2015

Major: Biology

Minor: Computer Science ·
GPA: 3.6
Built early foundations in systems thinking, logic, and analytical problem-solving

Other

Interests: (AI, Games, and Technology)
Referees: Provided upon request