Riandre van der Voorden

Front-end Engineer — UI/UX & Web Application Development

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Summary

Innovative front-end engineer with a strong background in web development and UI/UX design. Experienced in wireframing, prototyping, usability testing, and building systems that enhance user experiences. Proficient in Next.js, Typescript, and modern front-end frameworks. Skilled in remote collaboration using Figma, Slack and other collaboration platforms.

Technical Skills

Languages: TypeScript, Javascript, HTML, CSS, SQL(Postgres), RESTful APIs
Frameworks: Next.js (React), Astro, Angular.js, Vue.js
Developer Tools: Git, Google Cloud Platform, VS Code, Webpack, Vercel
Libraries: Material UI, TailwindCSS, Three.js, GreenSock Animation (GSAP), Framer Motion
UI/UX Tools: Figma, Webflow, Excalidraw, Adobe Suite, Marvel

Experience

Freelance Developer & Designer   Nov 2024 - Present
Upwork   *Krugersdorp, South Africa*

- Designed and built custom UI solutions for clients on Upwork, improving engagement and performance. Developed responsive Next.js and Astro web apps, improving accessibility and user experience.

Front-end Web Engineer   Aug 2024 – Nov 2024
JB Decorative Concrete - A startup providing decorative concrete solutions.   *Roodepoort, South Africa*

- Created a user-friendly Next.js website utilizing modern SEO best practices, resulting in a 30% increase in traffic
- Conducted UX research to refine website usability, which improved conversion rates substantially.
- Conceptualized a library of reusable marketing visuals (banners, icons), which accelerated website content updates by 35% and ensured brand consistency across all digital touchpoints for a positive user experience.

Projects

Convertly | *React, FFmpeg, Supabase, Git*   Dec 2024 – Jan 2025

- Developed a full-stack file conversion web app using Next.js, Tailwind CSS, and shadcn/ui, supporting multiple image and media formats, improving user processing efficiency.
- Achieved media conversions with FFmpeg, processing 100+ files efficiently.
- Tracked and visualized data for 100% of processed files, with an implemented history store.

Orion | *Tauri, Rust, React, Git*   Feb 2024 – Present

- Built open-source church presentation software, catered to accessibility and usability for diverse user needs.
- The software can be natively run on any operating system, ensuring device availability. (Windows, Linux, MacOS)
- Implemented Tauri framework for a new internal tool, cutting memory usage by 40% and startup time in half versus a previous Electron-based version, streamlining operations for the 5-member production team.

Education

CTU Training Solutions   Roodepoort, South Africa
National Certificate: Information Technology & Systems Development | GPA: 3.74 (US)   *2023 - 2024*

Certifications

Digital Marketing Associate - Meta
Issued Nov 2024
IT Specialist - Certiport
Issued May 2023
Certified Professional (Photoshop, Illustrator & Visual Design) - Adobe
Issued Oct 2023