Front End React Developer

ZACHARY STURMAN

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SKILLS

Front-End Development: NextJS, React, TypeScript, JavaScript, HTML, CSS (SCSS, Tailwind), Redux, Context API

UI/UX Design: Figma, SketchBook, user flow/ stories, wireframing, prototyping

Performance Optimization: Web performance analysis tools (Lighthouse, WebPageTest), code splitting, lazy loading

Development Tools: Git, CI/CD pipelines (Jenkins, CircleCI), Webpack, Babel

Backend (Supporting): Node.js, Flask, REST APIs, Python

AI Tools: Uizard, Musho, Visily, Mobbin, Gemini and ChatGPT(for research assistance)

Other: Three.JS, WebGL, 3D Modeling (Blender, Cinema4D), D3.js for data visualization

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SENIOR FRONT-END DEVELOPER

Evo Sol (October 2022 - Present)
- Spearheading the development of an innovative AI-powered NLP web application using React, Flask, and TypeScript, in the foundational stages of a tech startup. My role is pivotal in shaping the product from the ground up, focusing on creating intuitive user interfaces and robust client-side logic in anticipation of our market launch.
- Achieved a 30% improvement in system speed and responsiveness through strategic front-end performance optimizations, setting a high performance benchmark for the pre-launch phase of our application.
- Engineered responsive components utilizing NextJS and JavaScript, establishing a solid front-end framework within an agile startup environment. My work adheres to CI/CD principles, ensuring a scalable and maintainable codebase as we progress towards our first active user phase.

DIGITAL STRATEGY CONSULTANT (WEB OPTIMIZATION FOCUS)

The Knife Grinder (November 2019 - October 2022)
- Developed a digital strategy that increased online visibility and sales by 20%, leveraging advanced SEO and web optimization techniques. This pivotal growth played a key role in enhancing the business's valuation.
- Led a comprehensive overhaul of website design and functionality, significantly enhancing user experience and customer engagement, which were instrumental in the successful and profitable sale of the business.

FRONTEND DATA VISUALIZATION ENGINEER/DEVELOPER

Ameristar Casino (April 2017 - November 2019)
- Developed and managed a user-friendly React-based dashboard for Ameristar Casino, integrating D3.js for advanced data visualization, which significantly improved operational decision-making.
- Employed Pandas, NumPy, and Matplotlib along with AI techniques to deliver enriched statistical analysis and interactive visualizations.

EDUCATION

- Bachelor of Science in Media Communication - Full Sail University (2014)
- Google Certified Data Analyst (2022)
- AWS Certified Cloud Practitioner (2023)

U.S. CITIZEN WITH THE RIGHT TO WORK IN BOTH AUSTRALIA AND THE U.S.