

ZACHARY STURMAN

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SKILLS

Front-End Development: Next.js, React, React Native, Expo, TypeScript, JavaScript, HTML, CSS (SCSS, Tailwind), Redux, Context API

Backend Development: Node.js, Flask, REST APIs, Python, GraphQL, Rust, Swift

Database Management: MySQL, Postgres, Firebase, MongoDB, SQL

Cloud Services: AWS (EC2, S3, Lambda), Google Cloud Platform, Azure

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

Other: Three.js, WebGL, 3D Modeling (Blender, Cinema4D), D3.js (data visualization), Tauri (desktop applications), Expo (mobile applications)

FULL-STACK DEVELOPER

Evo Sol (October 2022 - March 2024)

- Spearheaded the development of an innovative AI-powered NLP application using React, React-Native, Flask, and TypeScript, in the foundational stages of a tech startup.
 - Achieved a 30% improvement in system speed and responsiveness through strategic front-end performance optimizations.
 - Engineered responsive components utilizing Next.js and TypeScript, establishing a solid front-end framework within an agile startup environment.
 - Adhered to CI/CD principles, ensuring a scalable and maintainable codebase.
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WEB DEVELOPER

The Knife Grinder (November 2019 - October 2022)

- Developed a digital strategy that increased online visibility, leveraging advanced SEO and web optimization techniques.
 - 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.
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BUSINESS INTELLIGENCE 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.
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EDUCATION

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