

Erin Alexander

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Professional Summary

Senior fullstack engineer with 11+ years of experience building user-centered web apps. Skilled at leading teams, implementing scalable web solutions, and driving technical innovation.

Skills

- **Software Engineering:** React, Redux, TypeScript, Next.js, Node.js
 - **Frameworks:** TanStack Query, Webpack, Babel, Storybook, Vite, GraphQL
 - **Cloud Architecture & DevOps:** AWS CDK, GitHub Actions, Google Cloud Platform
 - **Graphics:** WebGL, Three.js, WebGPU, Canvas, SVG, D3.js, Recharts
 - **Product & Process:** Agile/Scrum, Roadmapping, Technical Discovery, A/B Testing
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Work Experience

Lead Frontend Engineer, The Matchup (on contract)

April 2025 – Present

- Developing a Next.js web app for the startup's initial MVP
- Collaborating on data architecture and deployment strategies
- Researching GDPR and CCPA compliance for a global userbase

Senior Frontend Engineer, Infinite Athlete

June 2022 – May 2024

- Spearheaded developer experience initiatives for the Game Operations Dashboard team
- Streamlined deployments via custom GitHub Actions workflows and AWS CDK stacks
- Authored ADRs and design documents to guide efforts to reduce technical debt
- Prototyped AR applications using WebGL and live video overlays
- Researched and implemented video sync techniques with sub-second timestamp precision

Lead Frontend Developer, The Dyrty

December 2019 – February 2022

- Oversaw frontend development teams for website and React Native app
- Migrated website from Ember.js to Next.js with TypeScript, cutting bundle to 1/8 of its original size
- Led development of the Trip Planner tool for Dyrty Premium members using Mapbox
- Conducted hiring and led scrum ceremonies

Senior Frontend Engineer, Netifi

October 2018 – October 2019

- Developed a React/Redux control panel for monitoring a distributed data broker
- Maintained the RSocket reactive WebSockets library and supported developer adoption
- Rendered network topology and throughput graphs using D3.js

Senior Frontend Engineer, Nike (on contract)

June 2018 – September 2019

- Collaborated on 3D rendering solutions for the Digital Product Creation department

Senior Frontend Developer, Pollinate

May 2013 – May 2018

- Designed interactive web-based product visualization tools using Canvas, SVG, and WebGL
 - Delivered quick-turnaround demos to national client brands
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Education & Training**Bachelor of Arts in Studio Art (Cum Laude)***Southwestern University, Georgetown, TX*

- AR Development for Microsoft HoloLens, Oregon Story Board (2016)
- CS510 Computational Photography, Portland State University (2021)