

# 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.

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## 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 Dyrft

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 Dyrft 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 2018

- 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)