

Erin Alexander

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Professional Summary

Senior frontend engineer with 10+ years industry experience building graphics-driven web applications.

Skills

- **Frontend Engineering:** React, TypeScript, Next.js, AWS CDK, GitHub Actions
 - **Web Graphics:** WebGL, Three.js, WebGPU, Canvas, SVG, D3.js, Recharts
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Work Experience

Senior Frontend Engineer, Infinite Athlete 2022 – 2024

- Prototyped AR applications using WebGL and live video overlays
- Researched and implemented video sync techniques with sub-second timestamp precision
- Architected multi-tenant branding logic for real-time sports event dashboards

Lead Frontend Developer, The Dyrtr 2019 – 2022

- Led development of the Trip Planner tool for Dyrtr Premium members using Mapbox
- Built interactive route planning with lazy-loaded campground overlays and drag interactions

Senior Frontend Engineer, Netifi 2018 – 2019

- Developed a React/Redux control panel for a distributed data broker
- Rendered network topology and throughput graphs using D3.js

Senior Frontend Developer, Pollinate 2013 – 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)