

# Alex Havermale

*Software Engineer & Technical Leader*

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📍 Remote, US

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**Engineering leader with 12+ years combining deep systems expertise with product and design sensibility.**

Trusted by executives as a thought partner and by teams as a hands-on engineer who models technical excellence, with a proven record of leading complex initiatives, shaping engineering standards, and driving technical strategy across systems with business impact reaching millions of users.

## Experience

### Staff Software Engineer

Jul 2022–Present

*The New York Times*

- Architected and launched the Times' first B2B subscriptions platform, consolidating management of thousands of group accounts (millions of subscribers), unifying fragmented workflows, and reducing operational costs by thousands annually.
- Led technical and product direction for a new customer-facing subscription management system, eliminating manual tasks while expanding self-service to 3x additional B2B customers and simultaneously reducing cloud infrastructure costs.
- Championed AWS CDK adoption through company-wide tech talks and publishing reusable constructs, breaking down infrastructure knowledge silos and accelerating the company's cloud provider migration efforts.

### Staff Software Engineer

Dec 2021–Jul 2022

*CNN Digital, Warner Bros. Discovery*

- Led development of the CNN+ web app and subsequent product launch under aggressive timelines, ensuring dynamic content delivery while leveraging the company's existing static content management frameworks.
- Spearheaded performance optimization efforts for CNN+ across platforms, reducing external network requests by 800% and nearly halving time to FCP by carefully orchestrating consent management and other third-party integrations.

### Senior Software Engineer

May 2020–Dec 2021

*ViacomCBS, Paramount*

- Architected an event-driven orchestration system for managing live video streams using Kubernetes and AWS services, ensuring reliable content delivery for high-traffic sports broadcasts across both Paramount+ and CBS Sports experiences.
- Designed and implemented a playlist management tool within the CBS Sports video CMS, enabling operations teams to curate and publish video content in real-time across OTT and mobile platforms and creating personalization opportunities.

## Education

### B.S., Computer Science

*Virginia Military Institute*

2009–2013

## Service

### Captain (O-3), USMC

*United States Marine Corps*

0602 Communications Officer

## Focus

System Design, Scalability,  
Event-Driven Architecture,  
Performance Optimization,  
User & Developer Experience

## Tech Stack

TypeScript × JavaScript × Node.js × React × Next.js × Tailwind CSS × WebGL × GraphQL × Apollo × Express × AWS × CDK × DynamoDB × MySQL × Redis × Lambda × OpenSearch × Docker × Kubernetes × ECS × Shell × Turborepo