

Alex Havermale

Software Engineer & Technical Leader

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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