ALEX HAVERMALE

Software Engineer | UX Designer

Software engineer, user experience designer, Marine Corps veteran, and passionate digital creative with measured experience in various technical fields with project management and leadership positions.

CONTACT

LINKEDIN.COM/IN/**ALEXHAVERMALE**

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EDUCATION

2009—2013

B.S., Computer Science (ABET)

VIRGINIA MILITARY INSTITUTE

TECH STACK

JAVASCRIPT · TYPESCRIPT · NODE.JS · EXPRESS · GRAPHQL · APOLLO · REACT · NEXT.JS · AWS · DYNAMODB · LAMBDA · ELASTICSEARCH · OAUTH · DOCKER · KUBERNETES · REDIS · MYSQL · GITHUB · CI/CD · VSCODE · SHELL

EXPERIENCE

July 2022—Present

Staff Software Engineer | Technical Lead

THE NEW YORK TIMES

- Served as the technical lead for the newly-established B2B Product Team, working closely with product and design functions to create the first dedicated platform for managing group subscriptions to the Times. Spearheaded the system architecture design, creating a scalable and maintainable platform that leverages the company's new, shared application ecosystem and unified design language.
- Championed adoption of the AWS Cloud Development Kit (CDK) at the Times, leading a company-wide tech talk and facilitating engineering discussions on how teams can better understand and become involved in their cloud infrastructure, democratizing access to AWS and aiding the company's initiative to migrate cloud providers.

December 2021—July 2022 · 8 mos

Staff Software Engineer | Technical Lead

CNN DIGITAL (WARNER BROS. DISCOVERY)

- Served as the technical lead for the CNN+ web engineering team to deliver a ground-up streaming service, supporting both desktop and mobile web within a compressed time frame. Championed a cross-platform effort to improve app performance, resulting in an 800% reduction in external requests and nearly halving time-to-content.
- Led and facilitated discussions on improving developer experiences within and across functional teams, mentoring both junior and senior engineers to foster best practices and technical excellence. Composed documentation to help mitigate onboarding challenges and empower new engineers to contribute sooner and iterate faster.

May 2020—December 2021 · 1 yr 8 mos

Senior Software Engineer

VIACOMCBS (PARAMOUNT)

- Worked with the CBS Sports video team designing and implementing a centralized live streaming orchestration system from the ground-up. Built as a collection of event-driven microservices with Kubernetes and AWS, the system currently manages live video streams for simultaneous high-profile sporting events across both CBS Sports and Paramount+ business units. Led several architectural discussions and published multiple internal and open-source packages during the initial phases of development, including AWS CDK constructs, GitHub Actions for CI/CD, tooling for NodeJS applications, and others.
- Designed and implemented the live events tool within the CBS Sports video CMS, enabling the streaming operations team to quickly and reliably publish live content to CBS Sports OTT and mobile apps. Facilitated several discussions with engineers and stakeholders alike during development to capture requirements and craft a user experience that met the specific needs of the operations team.

September 2018—May 2020 · 1 yr 9 mos

Senior Software Engineer | UX Designer

APEX EXPERT SOLUTIONS LLC

- Designed and developed the company's principal data management and visualization platform frontend, migrating an enterprise-level codebase to a modern architecture while designing and engineering new features across the platform. Led the design of user experiences that aimed to minimize friction in common workflows and maximize visual real estate.
- Created a POC geospatial analytics web app from scratch using Vue.js and Mapbox GL, capable of consuming and displaying large datasets with millions of points in real time.

March 2014—September 2018 · 4 yrs 7 mos

Project Manager, Telecom (Communications Officer)

UNITED STATES MARINE CORPS

- Led and supervised teams of 50 to 200 personnel across various telecom-related functions, assuming direct responsibility for their welfare, counseling, and performance evaluations while facilitating a rigorous operational training schedule for the company.
- Planned and coordinated the installation and employment of networking and communications systems, including radio, SATCOM, IP telephony services, and LAN/WANs, providing secure, reliable, and redundant communication services for 300+ end users.