
SUMMARY Full stack engineer with high scale infrastructure experience looking for a full-stack product engineering role with direct impact on on users.

EXPERIENCE **Sr Engineering Manager + Staff Engineer** May 2022 – April 2024
Fastly

Led Glitch's engineering team within Fastly post-acquisition, shipping code daily. Our team operated as a startup inside Fastly, pioneering new approaches to developer tooling and WASM deployment at scale.

- Spearheaded Fastly's developer-first initiatives by evolving Glitch's platform to showcase WASM containerization and edge computing capabilities, directly impacting company-wide product strategy
- Architected and implemented full-stack modernization of Glitch.com, including migration from legacy early React to Remix, while establishing new patterns for data fetching and caching unique to Fastly
- Defined technical vision for WASM, planning initiatives to enable code compilation and execution at the edge
- Led lean, high-impact engineering team of 4, maintaining hands-on development while scaling platform to support broader Fastly developer community

Engineering Lead - Community March 2019 – May 2022
Glitch

Glitch is a platform that makes it easy to build and deploy web apps, responsible for millions of deployed NodeJS apps.

- Led Glitch's largest engineering team (8 engineers, 1 designer), owning the platform's social features and entire frontend architecture that enabled millions of developers to collaborate and share code
- Architected and shipped complete rewrite of Glitch's web-based IDE, dramatically improving the core editing experience while maintaining platform stability for existing users
- Expanded Glitch's reach by designing and launching VSCode extension, enabling professional developers to use their preferred tools while leveraging Glitch's instant deployment infrastructure
- Pioneered Glimmer, Glitch's digital publication platform, building a NextJS/Prismic solution that scaled to support external content creators while maintaining Glitch's distinctive brand and voice
- Drove technical decision-making across frontend stack, balancing rapid iteration with maintainable architecture to support Glitch's growing developer community
- Represented Glitch at industry conferences, gathering direct user feedback to inform product strategy and technical roadmap
- Scaled social networking features that powered Glitch's viral growth, enabling seamless collaboration between developers worldwide

Engineering Lead January 2017 – October 2018
Nava PBC

Nava is a public benefit corporation that works with government agencies to modernize their digital services.

- Led complete technical transformation of healthcare.gov, architecting and implementing new frontend infrastructure serving millions of Americans while coordinating across 6+

federal vendors

- Pioneered adoption of React in federal systems, introducing modern development practices to healthcare.gov while maintaining strict security and reliability requirements
- Directed team of 22 engineers, guiding technical decisions and reviewing critical path code that remains in production on healthcare.gov today
- Architected new API layer and decision engine for healthcare.gov enrollment, streamlining integration with federal data hub while improving system reliability
- Successfully navigated comprehensive security audit of healthcare.gov, creating documentation framework adopted across federal projects
- Founded Integrated Benefits initiative, rapidly building and deploying document submission portal in Vermont that accelerated benefits processing from weeks to days
- Built high-performing engineering team from ground up, establishing development practices that balanced government compliance with startup-speed iteration

Engineering Fellow, New York Mayor's Office

January 2016 – December 2016

Code for America

Small (one engineer, one designer, one PM) team, deployed to the Mayor's Office of NYC to modernize technology and provide frameworks for improvements that could be made after we left.

- Led 3-person innovation team embedded within NYC Mayor's Office, conducting hundreds of user interviews with social workers, homeless individuals, and caregivers to fundamentally reimagine city services
- Modernized WorkerConnect platform serving 4,000+ NYC social workers, building new React frontend that streamlined daily case management and improved service delivery
- Developed data visualization tools for Center of Economic Opportunity, translating complex poverty metrics into actionable insights for policy makers
- Created and launched CityBook, enabling non-profit organizations to rapidly build mobile-friendly websites, directly addressing needs uncovered through extensive field research across NYC's five boroughs
- Established technical frameworks and user-centered design patterns later adopted across multiple NYC agencies
- Balanced startup-speed development with enterprise requirements while embedding within government bureaucracy
- Spent 100+ hours in direct field research across NYC's subway system and neighborhoods, ensuring solutions addressed real community needs

Founder / Solo Engineer

June 2004 – Present

Subeta

Subeta is a virtual pet site I founded at 14 years old that still has tens of thousands of active users. It's where I've built a deep connection with users, and taking feedback and moving quickly to action. Many users have been playing (and paying) for 20+ years.

- Founded and scaled virtual pet platform to tens of thousands of active users, maintaining continuous operation and community engagement for 20+ years while working at leading tech companies
- Early adopter of the PayPal API, allowing users to purchase and upgrade accounts when most websites required manual intervention
- Currently architecting complete platform modernization from legacy PHP to Laravel framework, demonstrating systematic approach to technical debt while preserving complex game mechanics
- Built and maintained distributed team of 10-30 volunteers across two decades, establishing sustainable community management practices that enabled platform longevity

- Orchestrated full technical stack (PHP/Laravel, Redis, MySQL) supporting millions of daily interactions while iterating based on real-time user feedback
- Leveraged platform as personal laboratory for testing emerging technologies and development practices, directly informing technical decisions at day jobs
- Maintained 99.9% uptime for 20 years through pragmatic architecture decisions and systematic modernization
- Balanced rapid iteration with stability requirements for production code running continuously since 2004