

Summary

Experienced full-stack software engineer with 10+ years of expertise in site reliability and front-end UI/UX engineering for large-scale distributed systems, now transitioning into cybersecurity. Skilled in secure UI and API development, Infrastructure as Code (IaC), CDN and API traffic monitoring, and building resilient, high-availability services. Key achievements include strengthening system security and scalability, mitigating DDoS threats, leading incident response, conducting security audits, and building tools that improve developer experience, reliability, and overall platform defense for millions of daily users.

Skills

- **Programming:** Node.js, JavaScript, TypeScript, Go, Bash, SQL, NoSQL, React.js, GraphQL
- **Infrastructure:** GitHub Actions, Concourse CI, Vela, Terraform (IaC)
- **Testing:** Jest, Vitest, Cypress, Playwright, Testify, Go test
- **Network:** DDoS rule authoring (Sigma-style), CDN/Edge (Fastly), HTTP performance, API traffic analysis
- **Cloud:** Docker, Kubernetes, Google Cloud Platform (GCP), Fastly
- **Observability:** Grafana, Kibana, incident response playbooks
- **Security & Compliance:** PCI, Security Rules (Sigma-style), Pipeline Auditing
- **Languages:** Spanish

Experience

Company A — Lead Software Engineer

USA (Remote)
Jan 2018 – June 2025

Security & Reliability:

- Maintained and trained the team on Sigma-based DDoS rules, blocking ~98% of malicious traffic while meeting SLAs
- Led development of internal static analysis and testing for front-end codebases, catching critical errors before daily releases
- Collaborated with the security team on CVE patching, reducing dependency vulnerabilities across CI/CD pipelines
- Hardened deployment pipelines with secret rotation and sensitive-data scrubbing to meet PCI compliance and internal security benchmarks

Developer Tooling & APIs:

- Transformed legacy CLI tools into a dashboard leveraging API Design in Go and a custom React/Next.js UI, doubling daily deployments
- Optimized a backend Go API that queries GCP/Kubernetes pods, eliminating manual checks and cutting deploy time from ~3 to ~1 hour
- Enhanced a React/Next.js and GraphQL internal dashboard tracking Tests Pipelines for Cypress/Playwright tests
- Spearheaded integration of Fastly Edge-Compute SSR caching, reducing First Contentful Paint (FCP) by 200ms across millions of page loads

AI:

- Engineered AI-powered real-time translation with Gemini Nano, expanding reach to 63M Spanish-speaking customers
- Authored and reviewed documentation on testing standards using AI tools such as GitHub Copilot, creating standards for an organization of 100+ engineers

UI Overhaul & Refactoring:

- Migrated item-detail and search pages from a monolithic React.js repo to Next.js micro-sites, improving autonomy and deployment velocity
- Collaborated with designers and data scientists to develop and deploy A/B tests, improve SEO, and boost engagement/sales
- Revamped the high-impact price and promotions UI across the whole online e-store, enhancing the display of 100K+ products and consolidating the experience

Team Leadership & Mentorship:

- Led the Team in redesigning promotions UI, aligning engineers, designers, and stakeholders
- Authored the Design Doc and strategy for refactors of the Team, improving the user experience and consolidating the data of APIs
- Mentored three junior developers through pair-programming and weekly check-ins, creating a welcoming team environment

On-Call & Enablement:

- Supported Company during Black Friday and Cyber Monday (400k transactions/hour) via on-call rotations and incident response
- Analyzed and maintained alert thresholds using Grafana/Kibana, ensuring system stability and healthy traffic levels
- Staffed the Testing Guild that coordinated cross-team test automation, established testing standards to improve coverage and reduce flaky tests

Company B — Senior Software Engineer

City, State (Hybrid)

Feb 2017 – Sep 2017

- Developed user-data and click-tracking features, improving data collection and engagement by ~10%
- Migrated the main customer-facing website from Backbone.js to React, reducing load times by ~200 ms

Company C — Software Engineer

City, State

Mar 2015 – Sep 2016

- Architected and launched a greenfield educational platform (React, Node.js, NoSQL), acquiring ~10k users and supporting Series A fundraising

Bootcamp Company — Assistant Code Bootcamp Instructor

City, State

May 2015 – May 2016

- Taught mobile app development using Ionic, HTML, CSS, and JavaScript to non-technical students
- Tutored two bootcamp cohorts of 20+ College students

Company D — Application Development Sr. Analyst

City, State

Feb 2014 – Dec 2014

- Optimized deployments and SQL migrations for dental insurance clients using SQL Server, reducing downtime

Company D — Software Consultant

City, State

Sept 2010 – Mar 2013

- Built and launched a full-stack biotech client website

Education

- Bachelor of Science in Computer Engineering – University of State | May 2010
- Cybersecurity Bootcamp – University of State | Sept 2023 – Mar 2024

Conferences

- Conference Name | May 2025 – Attended AI & Agentic Systems workshops and talks
- React Conference | Oct 2019 – Selected attendee