

Kat Liger

Senior Full Stack Engineer

San Jose, CA | 415.813.8533 | kat.liger@gmail.com

PROFESSIONAL SUMMARY

Senior full stack engineer with 11+ years shipping consumer-facing healthcare products end to end — React/TypeScript/JavaScript front ends on top of production backend infrastructure in Golang and Node.js on AWS. Launched experiences used at real scale, from a COVID testing flow that returned results to 400K+ people to an in-house document-signing product. Comfortable owning a feature from design through deploy, monitoring, and on-call. Led a cross-functional team of 6, and known for moving fast in ambiguous, changing-requirements environments where engineers pick up whatever the product needs next.

PROFESSIONAL EXPERIENCE

Team Lead / Senior Full Stack Engineer

Jul 2025 – Jun 2026

Helix — Hybrid / San Mateo, CA (Consumer Genomics & Population Health Platform)

- Led a cross-functional team of 5 engineers and 1 UX designer while staying hands-on in the codebase — ran sprint planning, set technical direction, presented architecture to leadership, and owned code review and feedback culture across the team
- Drove AI adoption across the team, integrating GitHub Copilot and Claude Code into daily workflows for automated code review, documentation generation, and on-call incident investigation

Senior Software Engineer

Nov 2022 – Jul 2025

Helix — Hybrid / San Mateo, CA

- Lead front-end engineer on an in-house document signing product that replaced DocuSign — built identity verification (2FA over SMS and email), signature capture, and a multi-step consent flow in React
- Tech lead on the e-consent integration: evaluated third-party vendors, chose the integration approach under a hard deadline, and coordinated front-end and back-end delivery
- Built and maintained REST APIs and backend services in Golang on AWS (Lambda, S3, RDS, CloudWatch, CDK) powering consent, enrollment, and email notification workflows

Software Engineer

Nov 2019 – Nov 2022

Helix — Hybrid / San Mateo, CA

- Built and launched the end-to-end COVID testing return-of-results experience used by **400K+ people**
- Tech lead on EHR account creation and Epic/MyChart SSO integration — a first-of-its-kind vendor integration at Helix, launched cleanly for multiple health system partners, then documented it and taught it to other engineering teams
- Contributed to 4 new microservices for a major platform initiative, all shipped to production; worked front-end and back-end in roughly equal measure
- Improved deployment and observability tooling — partnered with DevOps on the Terraform-to-CDK migration, designed an improved DLQ handling process
- Carried on-call including incident response for a full-day AWS outage; authored 10+ runbooks the team relied on to troubleshoot production. Conducted technical interviews and mentored 5+ engineers

Software Engineer Contractor (via Grid Dynamics)

Feb 2019 – Oct 2019

Google — Sunnyvale, CA

- Built front-end components in Angular 7 and TypeScript, collaborating closely with UX/UI designers and back-end engineers to land new features
- Turned direct user feedback into fixes and improvements to product quality

Web Developer

2015 – 2019

Swirl McGarryBowen — San Francisco, CA (Digital Agency)

- Delivered responsive, localized, and accessible web applications for enterprise clients including Juniper and Microsoft, working directly with designers and business stakeholders to turn concepts into shipped product
- Built front-end and back-end applications with JavaScript (ES6+), TypeScript, Angular, SCSS, Node.js, Webpack, Firebase, RESTful APIs, and AWS

Support Engineer Level II

2009 – 2015

Veeam Software

- Troubleshoot and reported software issues alongside QA and R&D; supported global enterprise customers through complex virtual infrastructure problems

TECHNICAL SKILLS

Front End: React, Redux, JavaScript (ES6+), TypeScript, HTML5, SCSS/CSS3, Webpack, Angular (2–7), Responsive & Accessible Design, Localization/i18n

Back End: Node.js, Express, Golang, RESTful APIs, Microservices, Serverless & Event-Driven Architecture, SQL

Cloud & Infrastructure: AWS (Lambda, S3, RDS, DynamoDB, CloudWatch, CDK), Terraform, CircleCI, CI/CD Pipelines, Datadog, Rollbar, PagerDuty

Databases: MySQL, PostgreSQL, DynamoDB, MongoDB

Testing & Quality: TDD, Unit & End-to-End Testing, Puppeteer, Playwright, Code Review, Load Testing

Security & Integrations: Okta, OAuth/SSO (Epic/MyChart SMART on FHIR), 2FA, HIPAA/PHI Handling, DocuSign, SFMC

AI Tooling: Claude Code, GitHub Copilot, AI-assisted code review

Leadership: Team Leadership, Technical Architecture, Mentoring, Cross-functional Collaboration, Agile/Scrum, Interviewing

EDUCATION

M.S. Computer Science

2004 – 2009

Mordovian State University, Saransk, Russia

Specialization: Automated Data Processing and Control Systems • Graduated with Honors