Kyle R. Wenholz

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12+ years building scalable systems and leading teams, specializing in DevOps, security and compliance, and talent development. Drove SOC2 programs from kickoff to clean audits in 60 days, scaled engineering organizations 3x, and managed $300k/month cloud spend. Built continuous deployment pipelines tripling developer velocity and led zero-downtime migrations handling thousands of QPS across AWS, PostgreSQL, and modern Python/Go stacks.

TECHNICAL SKILLS

- Languages & Frameworks: Python, Go, TypeScript, React, Phoenix
- Cloud & Infrastructure: AWS (Fargate, Lambda, RDS, CloudFront), Terraform, Kubernetes, GitHub Actions
- Databases & Observability: PostgreSQL, Snowflake, Datadog, Grafana, Metabase

WORK EXPERIENCE

Fay Nutrition Inc., Remote

Engineering   January 2025 - Present

- Led Fay's first SOC2 audit from initial conversation to a clean Type 1 report in 60 days and a clean Type 2 in 120 days
- Implemented Fay's first full continuous service deployment pipeline in GitHub Actions: tripled daily deploys per developer, saved developers an average of thirty minutes per day, and reduced mean time to change by half an hour
- Designed and drove the backend migration of Fay's chat API off AWS's anemic Chime: supported thousands of new QPS to the endpoint without scaling up infrastructure, without downtime, and without force-migrating lagging mobile platforms
- Rolled out AI tooling with Claude Code in GitHub Actions and locally for PR reviews, code authoring, and search
- Led the backend implementation of in-app referrals: built for iOS and Android partners and launched to quick user adoption

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Founder: Engineering, Product, and Sometimes Marketing Strategist

July 2024 - January 2025

Starting with Sport Sage, I tested several startup ideas. This included testing the latest LLM and web technologies, soliciting user feedback, executing marketing strategies, and managing business operations.

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ngrok, Inc., Seattle, WA, but mostly Remote

Director of Engineering   July 2021 - May 2024

- Managed 4 managers with 4 product teams and 1 infrastructure team
- Owned and analyzed engineering spend of over $300,000/month across multiple vendors, coordinating engineering to control costs through network analysis, capacity reservations, and contract negotiations
- Developed ngrok's SOC2 compliance program and penetration test for three successful audits

- Managed technical relationships with Databricks, Dunkin', and other customers, working with them on multi-cloud deployments of ngrok, new features, incident management, and capacity planning
- Partnered with Sales to increase Databricks' and Dunkin's contract values by 1.5x through improved value and usage of ngrok
- Interviewed hundreds of candidates for roles ranging from ICs to VPs across Engineering, Product, Marketing, and People
- Established on-call operations and external communications for incidents, reducing mean time to resolution from three hours to 10 minutes
- Successfully expanded the Engineering team from nine to over thirty skilled engineers (owning all recruiting functions for 15 of those hires)

Engineering Manager: Dataplane   November 2020 - June 2021

Coached, managed, and grew the Dataplane team. Brought in the first versions of multiple processes to improve communication, delivery, and happiness at ngrok: e.g. sprint planning, performance reviews, and cross-team syncs.

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Karat Inc, Seattle, WA

Engineering Leader: Delivery   March 2020 - November 2020

- Eight happy and successful direct reports
- 20% COGS reduction by finding process bottlenecks and value boosting opportunities
- 200 load balanced and performance managed interviewers across dozens of content formats
- 10s of thousands of conducted interviews supported by our suite of modern interviewing tools
- Managed Karat's SOC2 compliance program for Engineering, achieving multiple successful audits

Engineering Manager   March 2019 - March 2020

- Planned work with reports and executing on more than 70% of quarterly objectives
- Wrote software for non-blocking projects, including interviewer invoicing, interviewer onboarding enhancements, and data transformations across AWS Lambda and ECS
- Grew the team to six direct reports: software engineers ranging from intern to senior, data analysts, and a data scientist

Senior Software Engineer   March 2018 - March 2019

- Designed and built a video chat application with Twilio to replace Google Hangouts
- Built best practices through a blameless postmortem culture, design documents, sprints, and healthy code reviews
- Organized and deployed all infrastructure as code with Terraform across a dozen AWS services with another engineer

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Google, Seattle, WA

Software Engineer III Google Cloud Deployment Manager   February 2016 - March 2018

Amazon.com, Seattle, WA

Software Development Engineer I and II Warehouse Deals   May 2013 - January 2016

CentsLess LLC, Tacoma, WA

Co-Lead Engineer   May 2012 - January 2013

EDUCATION

Bachelor of Science in Computer Science and Mathematics University of Puget Sound, 2013