

Anthony Wohlfeil

📍 Ann Arbor, MI ✉ anthonywohlfeil@gmail.com 🌐 📄 📧

Skills

Languages

Java, Python, C/C++, Typescript, SQL

Cloud & Backend

REST APIs, CI/CD pipelines, Docker, Redis, AWS, Datadog

Frameworks & Tools

Spring Boot, React, Git, Computer Vision, LLMs

Education

B.S.E. Computer Engineering

University of Michigan • Ann Arbor, MI

Sep 2016 — Apr 2020

Experience

Software Engineer II

Propio • Remote

Feb 2026 — Present

- Redefined alarm and observability infrastructure for a high-throughput video platform serving ~6M calls per week, reducing false alarms and surfacing previously masked failure modes
- Drove cross-team initiatives for PHI redaction strategy of sensitive call data - preventing storage and downstream exposure of sensitive info across API, historical records, and observability pipelines
- Built a greenfield backend service, provisioning cloud infrastructure (AWS CDK) and implementing the core API and service layer to migrate a core voice communication system off a third-party vendor

Independent Developer

Self-Employed • Ann Arbor, MI

Feb 2025 — Jan 2026

- Built Resume Revamped - a resume builder with deterministic rendering and LLM integrations; owned API schema design, and data modeling (20+ users, ~1.8k monthly unique visitors).
- Created a multi-LLM orchestration system to facilitate web scraping, data enhancement, and data validation for 40,000 food location entries.

Software Development Engineer II

Amazon • Detroit, MI

Jun 2020 — Feb 2025

- Owned on-call operations for an API platform handling 120B+ monthly requests, designing CloudWatch monitoring, autoscaling, and alarm strategies that reduced response times by ~90% during high-severity incidents.
- Designed, built, and led the migration of a usage metrics data pipeline (Lambda, Kinesis, S3) processing 160M+ records/hour with 99.99% availability.
- Led a large-scale traffic migration within the SP-API control plane, creating and validating new endpoints, executing a safe rollout for ~200M daily requests, and coordinating across multiple international teams.
- Mentored 4 junior engineers, including coaching an engineer from intern through mid-level promotion.

Software Engineer

Mcity / University of Michigan • Ann Arbor, MI

Mar 2019 — Jun 2020

- Trained and evaluated an object detection model and built a custom computer-vision pipeline enabling labeling of 50+ object classes for industry research partners.
- Built and operated an AWS-based video processing pipeline (Batch, Lambda, S3), containerizing GPU-accelerated workloads using Docker to automate analysis of 10,000+ hours of autonomous-vehicle footage.