

Anthony Naddeo

Principal Software Engineer



Summary

Principal Software Engineer with a decade+ experience creating developer tools and delivering to customers. I drive engineering excellence through functional programming principles, I've owned front end platforms, CI/build systems, and on-prem containerized software. I have a passion for education, mentoring, learning, and creating with AI.

Interests

Developer Tools
AI Creator Tools
Programming Languages
Build Systems
Mentoring

Skills

Functional Programming
Docker
Concurrency
CI (GitHub/GitLab)
Data Pipelines
AI Tooling
React
Linux

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🔄 [naddeo](https://github.com/naddeo)

📍 Seattle

WHYLABS

2024 **Principal Software Engineer**

WHYLABS · LLM Secure

Led development of containerized hybrid on-prem LLM monitoring product:

- Architected and implemented Python container to orchestrate execution of model based metrics on CPU with 100ms latency while generating traces and whylogs profiles
- Created efficient integration strategy to support 100% of customer POC needs for a year with a single developer resource, including direct python libs and on-prem containers
- Created ML pipelines to enable rapid model development, benchmark evaluation, and deployment for our Data Science teams, generating immutable versioned assets
- Tech lead on several concurrent successful customer POCs, working across Sales, OSS Client, and Backend teams to rapidly deliver features and close deals
- Created comprehensive CI/CD pipeline automating container releases, documentation updates, and generated interactive tooling to support Customer Success roles

2020–2024 **Senior Software Development Engineer**

WHYLABS · Integrations

Founded and led Integrations team:

- Developed core integrations including Java/Python whylogs containers, Kafka, Ray, BigQuery, and Snowflake
- Reduced onboarding friction with our Anonymous Sessions feature enabling instant WhyLabs report generation via CLI without auth
- Implemented actor-based, 2k tps, CPU bound Python container service that became the foundation of our LLM product.
- Created strategic roadmap and defined integration categories

AMAZON

2018–2020 **Senior Software Development Engineer**

AMAZON · Health and Wellness

Tech Lead for Amazon Halo's Android/iOS app development (FitBit competitor):

- Architected full mobile app architecture using React Native
- Created and owned build systems and release processes supporting dozen+ teams

2016–2018 **Software Development Engineer II**

AMAZON · Consumer Engagement

Led development of Amazon's retail chat platform web variant:

- Built and launched the web version of our customer chat app using React/Redux
- Created web canary system achieving >99% availability for production bug detection

2013–2016 **Software Development Engineer**

AMAZON · Display Advertising

Founding engineer for Amazon's self-service advertising DSP:

- Built frontend platform supporting dozens of teams' feature development
- Designed component libraries enabling distributed development across teams

EDUCATIONAL

- 2020 **Amazon Mentor**
- 2019 **WebDevCon Tech Talk**
"The Future is Functional"
- 2019 **WebDevCon Seminar**
Programming with Elm
- 2018 **Amazon Tech Academy**
Teaching Assistant
- 2017 **RedditCodingExp**
Educational coding stream

PROGRAMMING

