

Angelo Yang

Software Engineer & Self-Hoster · ryang.dev · linkedin.com/in/ryang42

SUMMARY

Software engineer specializing in highly-available, high-throughput, AWS-native systems. Currently building live-sports streaming infrastructure, ETL pipelines, and ML-driven tooling at Amazon Prime Video.

EXPERIENCE

Amazon — Prime Video Sports · Software Engineer II · 2022–present

- Engineer highly-available, high-throughput backend services on AWS that hold up under live-event traffic spikes — stress-tested in production during Black Friday Football.
- Design and operate ETL pipelines ingesting, transforming, and serving large volumes of catalog and event data across the Prime Video Sports platform.
- Built a scalable VLM-based recognition system for automated event monitoring, deployed catalog-wide.
- Reclaimed over \$350K in underutilized AWS resources in the first year via a targeted cost-optimization effort.
- Shipped a self-service image-slate portal (onboarding: two developer-days → none) and championed AI-assisted log diagnosis for self-service root-causing across teams.

PIMCO — Platform Engineering · Software Engineer · 2020–2022

- Architected the firm's Okta transition with developer-facing abstractions, reducing onboarding from weeks to two days.
- Onboarded Datadog and built migration tooling, cutting mean-time-to-root-cause from 9 days to 2.
- Built CI/CD pipelines that made full Okta + Datadog adoption a one-commit change for most apps firm-wide.
- Drove the on-premise to AWS migration, architecting bespoke solutions for internal teams.

EDUCATION

Texas A&M University, College Station — B.S. Computer Science (AI/ML focus), minors in Mathematics & Cybersecurity. *Summa Cum Laude*.

SKILLS

Java, Kotlin, Python, TypeScript/JavaScript (React, Angular), Rust · deep AWS breadth (Certified Developer) + MongoDB · highly-available & high-throughput distributed systems, ETL pipelines · Git, CI/CD (GitHub Actions, GitLab Runners).

CONTACT

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