JAN GELIN

Principal Engineer | Infrastructure Architect

Phone: 661-600-6272 | Email: jan@gelin.us

Location: Walnut Creek, CA | LinkedIn: linkedin.com/in/jgelin

SUMMARY

Seasoned Principal Engineer with 15+ years of experience architecting and operating scalable, fault-tolerant systems across top-tier tech companies including Yahoo, Pinterest, and Live Nation. Expert in infrastructure engineering, container orchestration (Kubernetes at scale), CI/CD pipelines, and SRE practices. Proven ability to lead complex system migrations, design cloud-native platforms, and build high-availability environments. Strong track record of improving system observability, deployment workflows, and cross-functional team productivity.

CORE TECHNICAL SKILLS

- Cloud & Infra: Kubernetes, Docker, AWS, Equinix, Spinnaker, ArgoCD, JFrog Artifactory

- Monitoring & Metrics: Prometheus, Grafana, custom telemetry at scale

- Languages: C/C++, Java, Python, Bash

- Data & Analytics: Hadoop, Presto, Parquet, machine learning pipelines

- Tooling & Automation: Jenkins, CI/CD, configuration management, alerting systems

- Systems Design: Low-latency infrastructure, distributed systems, 24/7 uptime services

EXPERIENCE

Together Labs (IMVU) - Principal Engineer (2021 - 2024)

- Spearheaded migration from legacy infrastructure to Docker and Kubernetes, deploying hundreds of services to production.

- Designed and implemented company-wide observability stack using Prometheus and Grafana.

- Integrated JFrog Artifactory for secure, scalable artifact management.

- Led migration to ArgoCD for GitOps-driven deployments.

- Owned infrastructure and SRE practices, including on-call escalations.

Live Nation (Ticketmaster) - Principal Engineer (2018 - 2021)

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- Led modernization of core ticketing monolith to Kubernetes on-prem.

- Introduced Spinnaker-based CI/CD pipelines to streamline deployment workflows.

- Re-architected reporting platform to improve performance and maintainability.

- Integrated Prometheus into AWS-based observability stack for cross-team visibility.

Pinterest - Tech Lead / Infrastructure Architect (2016 - 2018)

- Designed hybrid image training pipeline using NVIDIA hardware across AWS and Equinix.

- Built P2P network linking OCP systems in SF with cloud environments.

- Led internal C++ Guild and conducted performance deep dives.

- Evaluated Presto and Parquet pipelines; optimized Jenkins CI scale-out.

Rubicon Project (Magnite) - Director of Architecture & Operations (2010 - 2016)

- Designed global real-time bidding infrastructure across US, EU, and Asia.

- Led global SRE team managing 2000+ bare-metal servers.

- Automated infrastructure provisioning, alerting, and monitoring.

- Developed low-latency, secure third-party bidder interface.

- Led IPO-critical engineering initiatives in 2014.

Yahoo - Senior Developer (2003 - 2010)

- Developed and modernized core ad-serving infrastructure (C-based rewrite from mod_perl).

- Contributed to machine learning platform (SVM-based contextual analytics).

- Integrated large-scale data processing pipelines using Hadoop.

AltaVista - Director, Global Indexing Operations (1999 - 2003)

- Launched first localized search in Europe; patented ranking innovations based on eigenrank.

- Customized Mercator crawler for global use; integrated images into search results.

EDUCATION

University of Sundsvall, Sweden - Computer Science (1985-1987)

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University of Uppsala, Sweden - C/C++, Pascal Courses (1997-1998)

Fyris Skolan, Sweden - Bachelor's in Engineering (1979-1983)