



Patrick Schramm

SENIOR CLOUD PLATFORM ENGINEER

patrickschramm@gmail.com (512) 657-4019 Remote preferred · Austin, TX · Open to travel for client and consulting work
patrickschramm.dev LinkedIn

PROFILE

Senior platform engineer with 20+ years building revenue-critical infrastructure for major media properties. Part of the Commerce & Catalog platform team at Ziff Davis — powering affiliate monetization across CNET, ZDNET, PCMag, Men's Health, AskMen, Lifehacker, and RetailMeNot via 20+ affiliate networks. Delivered 60%+ cloud cost reductions, architected the primary GraphQL API gateway serving millions of daily requests, and led Okta identity modernization across multiple properties. Career-long specialization in media infrastructure, API platform engineering, and client-facing solution architecture. Passively open to the right opportunity in solutions architecture, principal engineering, technical evangelism, or consulting.

EXPERIENCE

CNET / Ziff Davis 2021 - Present

Senior Cloud Platform Engineer

- Primary engineer on the affiliate link monetization platform — integrating 20+ networks (Amazon, CJ, Impact, Rakuten, Awin) across CNET, ZDNET, PCMag, Men's Health, AskMen, Lifehacker, and RetailMeNot via 70+ API endpoints handling millions of daily monetized requests
- Architected the primary GraphQL API gateway serving millions of daily requests across multiple Ziff Davis properties — consolidated legacy CMS, catalog, and commerce backends behind a single high-volume, low-latency endpoint
- Builds and maintains Apache Beam / GCP Dataflow pipelines for product catalog ingestion, price aggregation, and attribute merging — processing Snowflake feeds, OpenAI embeddings, and multi-source offer data into unified catalog documents at scale
- Contributes as part of a three-engineer team to product catalog search infrastructure powered by GCP Discovery Engine (Vertex AI Search) and Solr — serving product recommendations, pricing data, and purchase decisions for millions of readers monthly
- Led GCP infrastructure consolidation that cut cloud costs by 60%+ across owned workloads — drove full execution including Terraform, Kubernetes cluster rightsizing, and Cloud SQL optimization
- Designed and operates full-stack Varnish clustering and Cloudflare edge caching architecture — VCL configuration, cache invalidation strategy, and multi-layer caching for catalog and API backends serving millions of readers daily
- Led Okta identity modernization across multiple Ziff Davis properties — auth migration, SSO federation, session management, Jenkins pipeline auth hardening, and penetration test finding remediation
- Architected Cloud Run microservice platform for WordPress VIP migration, replacing legacy CMS automation with Pub/Sub and cron-based article link monetization workflows
- Migrated Jenkins CI/CD pipelines to GitHub Actions with GCP Workload Identity Federation for secure, keyless Kubernetes container deployments
- Mentors junior engineers across GCP, Kubernetes, and CI/CD workflows; serves as primary technical contact for vendor and client-facing conversations

Opentext 2014 - 2021

Lead Technology Architect

- Java 11 + Spring Microservices and MVC application design and ownership supporting enterprise SSO and licensing
- Key technical contributor delivering critical projects from inception to production — led development teams through all aspects of software design, documentation, and implementation

Opentext 2009 - 2014

IT Architect

- Built and trained the Opentext EBS India development team
 - Designed and delivered Disaster Recovery architecture for Opentext WWW, Login/SSO, and Customer Support Systems
-

Vignette 2005 - 2009

Senior Software Engineer

- Designed and delivered the Vignette Training Application and LMS
- Built a SCORM-compliant course creation and delivery tool with e-commerce integration

Vignette 2000 - 2005

Application Engineer — Professional Services

- Vignette.com
- FoxNews.com
- IRS.gov
- 2004 Summer Olympics — Olympics.org

Techspan 1999 - 2000

Consulting Architect

- Implemented and designed Enterprise CMS and Portal solutions for major clients
- Supported PSO sales generation activities including customer-facing presentations and technical solution demonstrations
- Led key discussions around change programs from both business and technical perspectives

EDS / c2o Interactive Architects 1998 - 1999

Web Developer

- Car and Driver
- Cosmopolitan
- Men's Health
- Road and Track

SKILLS

CLOUD & INFRASTRUCTURE

- GCP: Cloud Run, Cloud SQL, Pub/Sub, GKE / Kubernetes
- GCP Dataflow / Dataflow Flex Templates
- Workload Identity Federation
- AWS: Bedrock, DynamoDB, S3, Lambda
- Docker / Container Registries / Artifact Registry
- Terraform / Infrastructure as Code
- Cloud Build / CI/CD

IDENTITY, AUTH & SECURITY

- Okta: SSO Federation, Auth Migration, Session Management
- GCP Workload Identity Federation
- Spring Security / SSO
- Modsecurity / OWASP
- Penetration Test Remediation
- AppSec Review & Compliance

DATA & ENTERPRISE SYSTEMS

- MongoDB
- MySQL / Cloud SQL
- Snowflake
- Apache Solr
- Oracle DBMS
- BigQuery
- Pub/Sub (GCP)
- Splunk

COMMERCE & CATALOG PLATFORM

- Affiliate Link Monetization (Amazon, CJ, Impact, Rakuten, Awin, 20+ networks)
- GCP Discovery Engine / Vertex AI Search
- Apache Beam / GCP Dataflow Pipelines
- Apache Solr
- Snowflake Integration
- OpenAI Embeddings / LangChain4j
- MongoDB
- Product Catalog Architecture
- Price Feed Ingestion & Aggregation

APPLICATION DEVELOPMENT

- Spring Boot 3 / Java 21 / Microservices
- Vue.js 3 / Vuetify
- Python / Apache Airflow
- Node.js / PHP
- GraphQL / REST
- Apache Beam
- Spring Batch / Quartz
- Angular / React

COMMERCIAL WEB & CMS

- WordPress VIP
- CMS Platform Engineering
- Next.js / React

EDGE, CACHING & API

- Varnish: Clustering, VCL, Cache Invalidation
- Cloudflare: WAF, Routing, Edge Rules
- Fastly CDN
- GraphQL API Gateway Design
- REST API Design
- CDN Strategy & Multi-layer Caching
- Akamai Kona Site Defender

DEVOPS & AUTOMATION

- GitHub Actions
- Jenkins
- Kubernetes / GKE / Helm
- Docker / Multi-stage Builds
- Cloud Build
- Flux (GitOps)
- Atlassian Jira / Confluence
- Maven / Gradle
- Unix Shell Scripting

Kafka

Jamstack / SSR / SSG

Hugo / Gatsby / Jekyll

Netlify / Vercel

Ahrefs / SEO

Google Analytics

Eloqua Marketing Automation

EDUCATION

University of North Texas

BCIS — Business Computer Information
Systems · B.S.
1995 - 1999 · Denton, TX

Google Cloud

Associate Cloud Engineer
2023 - Present

Amazon Web Services

AWS Certification Track
2025 - present

IN PROGRESS

Agile Institute

Certified Scrum Master
2010 - 2012

Salesforce.com

Certified SFDC Administrator
2012 - 2014