

Sean Keever

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Senior Software Engineer (Go) building high-throughput, security-critical backend systems; led Temporal workflow migrations, auth/identity initiatives, and reliability/cost improvements (automation + observability).

Experience

Paxos (Digital asset infrastructure)

Remote

Senior Software Engineer

Jan 2022 – Present

- Led migration of high-throughput approvals and hardware security module (HSM) signing to Temporal workflows; sustained 24k-33k signed batches/day with 95ms median signing latency and 0.41s median approvals (99.97% success)
- Led gRPC auth migration for PayPal-dependent service (about 500 req/s), achieving 99% cache hit rate, zero downtime, and delivery four weeks ahead of commitment
- Architected identity service decomposition from monolithic system, reducing deployment time by 91% and cycle time for critical bug fixes by 95%
- Spearheaded retail customer migration into new Identity platform using dual writes and backfills, unifying customer/KYC data for Singapore MAS risk and due-diligence requirements
- Built reusable gradual-rollout library after production incidents, enabling percentile/sample-based feature launches adopted by other teams and catching bugs before broad rollout
- Removed 37k LOC of legacy code and dependencies; cut integration test compute by about 98% (260 runner-days/month to 5) and reduced maintenance surface area
- Implemented deploy-gating smoke tests for multi-chain custody services; blocked 9 pre-production rollouts in 5 months (3 confirmed regressions), improving release safety
- Automated on-call remediation and led Datadog alert cleanup/playbooks, reducing pages/incidents by 90% (140/mo to 10/mo) and improving on-call satisfaction
- Saved \$60K/yr and cut Kubernetes cost by 34% by decommissioning unused nodes and implementing automated resource monitoring

OfferUp (Marketplace + search)

Remote

Software Engineer II

Jun 2020 – Jan 2022

- Refactored service from synchronous to asynchronous APIs, reducing latency by 50% for 2M+ daily requests and eliminating recurring on-call pages through improved error handling
- Optimized Elasticsearch queries reducing search latency by 50% for 10M+ daily searches, improving user experience and reducing infrastructure costs by 30%
- Migrated critical service to modern tech stack, achieving 30% latency reduction and 99.9% uptime while eliminating security vulnerabilities from deprecated dependencies
- Built A/B testing framework for search infrastructure migration, enabling risk-free evaluation of new provider and data-driven decision making for \$500K+ infrastructure investment
- Participated in on-call rotation supporting production systems with 99.95% uptime SLA, implementing run-books and monitoring improvements

Education

University of Washington

Seattle, WA

Bachelor of Science in Computer Engineering

Graduated 2020

Skills

Languages: Go, Python, SQL, TypeScript/JavaScript

Cloud & Infrastructure: AWS, Kubernetes, Terraform, Docker, Helm

Architecture & APIs: Distributed systems, microservices, system design, event-driven, gRPC, REST APIs

Data & Messaging: PostgreSQL, DynamoDB, Redis, Kafka, Elasticsearch

Tooling: Temporal, Datadog, OpenTelemetry, GitHub Actions, WebAuthn/Passkeys

Practices: Test-driven development, code reviews, performance optimization, on-call