

ALEKSEI PARAMONOV

Senior Software Engineer · Resource Team Lead

Go · Kubernetes · Platform engineering · AI integrations

Sofia, Bulgaria (residence permit) · open to relocation · B2B/contract via an individual entrepreneur (IE)
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SUMMARY

Senior Go/Kubernetes platform engineer and team lead with 7 years of coding. Own the operator layer of SAP's internal cloud service for developers, used by 500+ teams, and manage a Go unit of 8 engineers. Strengths: operator design, performance optimisation, observability and policy enforcement. Anthropic- and Google-certified in AI agent development; prize winner (3rd place) at the EPAM Gemini Enterprise Global Hackathon. Targeting Lead / Staff Platform or Backend Engineer roles.

EXPERIENCE

Senior Software Engineer · Resource Team Lead (since Apr 2026)

Jan 2025 – present

EPAM Systems — SAP internal cloud service for developers

Go, Kubernetes operators/CRDs, controller-runtime, envtest, GraphQL, Argo CD, Helm, Istio/OIDC, Pub/Sub, GCP, Gardener, GitHub Actions, Kyverno, VPA, Prometheus, Grafana, Splunk, Sentry, pprof, k6

Platform engineering

- Own and evolve the Go operator layer of SAP's internal cloud service for developers, used by 500+ teams.
- Designed and built from scratch (with AI-assisted development) a cross-cluster synchronisation operator that creates, copies and updates custom-resource state across clusters, unblocking teams that needed data from another cluster.
- Found and fixed a high-churn heap-allocation bug in a Go GraphQL service using pprof profiling during a load test, cutting heap allocations by ~25% (preliminary) on a hot query path. Introduced the Vertical Pod Autoscaler to the clusters for resource data and right-sizing.
- Introduced Kyverno policies and admission webhooks to the platform; security champion.

Leadership

- Manage a Go unit of 8 engineers: 1:1s, career planning, certification support and problem solving.

AI

- Prize winner (3rd place, stream of 20 teams; 160+ teams overall) at the EPAM Gemini Enterprise Global Hackathon. Organised a team of three and built the solution: a Go operator in the cluster and a Python gRPC service loading cluster data into Vertex AI and BigQuery, connected to Gemini Enterprise.
- AI-assisted engineering with Claude Code daily; multi-agent workflows and an AI-powered documentation builder.

Team Lead Golang Engineer programmatica.com

2024 – Jan 2025

Go, Angular, microservices, API Gateway, ReBAC

- Led a cross-functional team of 10 including myself (4 frontend, 3 backend, QA, DevOps) on the core bidder application handling 70,000 RPS.
- Argued for Angular + Go microservices over a monolith for team alignment and scalability.
- Designed the API Gateway and a ReBAC schema for flexible access control; introduced Scrum.

Golang Backend Engineer agioband

2023

Go, Prometheus, Grafana, Loki, Kubernetes

- Improved reliability: fixed a critical production bug, built infrastructure monitoring and scaled the cluster horizontally.

Team Lead Python Developer Platoshka Animation Studio

Aug 2021 – Jan 2023

Python, Autodesk Shotgun

- Led backend development in Autodesk Shotgun; introduced code reviews and Agile; built automation tools.

Python Developer Parovoz Animation Studio

Aug 2019 – Aug 2021

Python

- Built desktop Python applications and automation tools for graphics production.

CERTIFICATIONS

- Claude Certified Architect – Foundations, Anthropic — Jun 2026 (valid until Dec 2026)
- Certified Partner Specialist: Gemini Enterprise Agent Development, Google Cloud — Jun 2026 (valid until Dec 2026)

SKILLS

Languages: Go (primary), Python, TypeScript (basic)

Kubernetes: Operators, CRDs, controller-runtime, envtest, admission policies (Kyverno), VPA, Gardener, Helm, Argo CD / GitOps, Istio, OIDC

APIs & data: gRPC, GraphQL, REST, Kafka, Pub/Sub, PostgreSQL, MongoDB, Redis, ClickHouse

Observability & performance: Prometheus, Grafana, Loki, VictoriaLogs, Splunk, Sentry, SignalFx, pprof, k6

Cloud & CI/CD: GCP, AWS, GitHub Actions, GitLab, Docker

AI: Gemini Enterprise, Vertex AI, BigQuery, Claude Code, agent development

Leadership: Team management, 1:1s, career planning, RCA, security champion

EDUCATION & LANGUAGES

Moscow State University — Bachelor of Geology (2019)

English (B2+, daily use in an international team for 2 years) · Russian (native)

AVAILABILITY

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