

Kirill Sysoev

Platform Engineer

k.sysoev@me.com [+60194877054](tel:+60194877054) [Website](#) [LinkedIn](#) [GitHub](#)



SUMMARY

Platform Engineer with a strong backend engineering background, specializing in internal developer platforms, cloud-native infrastructure, and distributed systems. I build self-service platform capabilities that improve developer experience, increase engineering autonomy, and enable teams to deliver software reliably at scale. Experienced in technical leadership, platform architecture, and designing systems that balance simplicity, scalability, and operational excellence.

SKILLS

Platform Engineering

- GitOps
- API Gateway
- Event Bus
- Authentication & Authorization
- Developer Experience

Cloud & Infrastructure

- AWS CloudFormation
- AWS ECS
- AWS EventBridge
- AWS Lambda
- AWS Cognito

Backend & Distributed Systems

- Go
- Redis
- PostgreSQL
- OpenTelemetry
- Message Queues

Architecture & Technical Leadership

- Event-Driven Architecture
- Domain-Driven Design
- Technical Strategy
- Team Leadership
- Stakeholder Management

EXPERIENCE

Staff Engineer · Deriv

2024-07 — 2026-05

Cyberjaya, Malaysia / Limassol, Cyprus

Established and led platform engineering initiatives for a new trading platform, defining the integration architecture and delivering shared self-service capabilities for service communication, API exposure, and external developer enablement.

- Established platform products for service-to-service authentication, event-driven communication, and API gateways, enabling application teams to build and operate services independently.
- Implemented the platforms through a GitOps operating model, allowing teams to provision, configure, and deploy integrations without direct platform team involvement.
- Built a custom Go-based API gateway platform on AWS ECS with authentication, caching, routing, traffic management, observability, and deployment automation.
- Planned and executed the migration of 100% of production API traffic from a commercial API gateway to the in-house platform with no service disruption.
- Scaled the gateway platform to process 30M+ requests per day while reducing API gateway costs from over \$12,000/month to approximately \$400/month.
- Added audit logging and standardized request contracts across distributed systems, improving traceability, operational visibility, and troubleshooting for cross-service workflows.

Lead Software Developer · CyberOwl

2024-03 — 2024-06

Remote

Implemented a vessel inventory management platform with Go and React.

Staff Engineer · Deriv

2023-01 — 2024-03

Cyberjaya, Malaysia

Led technical design and delivery for high-priority, business-critical initiatives, combining system design, hands-on engineering, performance optimization, and production reliability work.

- Led development initiatives for business-critical projects, keeping technical execution aligned with organizational priorities.
- Established RFC processes and review governance for critical features, including system design documentation for complex platform changes.
- Produced detailed design specifications for integrating a new trading platform into the Deriv ecosystem.
- Drove performance optimization and stability improvements across critical platform components to improve reliability, including resolving major API gateway bottlenecks that significantly reduced delays in delivering market data to clients.
- Diagnosed and resolved production issues while authoring and reviewing technical standards to guide consistent architectural decisions.

Team Lead · Deriv

2020-03 — 2023-01

Cyberjaya, Malaysia

Scaled a backend engineering team while improving delivery processes, technical governance, production resilience, and talent development.

- Managed a backend team of up to 14 engineers, improving delivery lifecycle efficiency through process improvements, prioritization, and technical guidance.
- Collaborated with stakeholders to align backend solutions with business priorities for trading platform enhancements.
- Contributed to the Deriv BeSquare program by creating backend curriculum and mentoring emerging IT talent.

Backend Developer · Deriv

2019-09 — 2020-03

Cyberjaya, Malaysia

Implemented backend platform features and P2P payment services while supporting code quality and trading infrastructure reliability.

- Developed and deployed P2P payment services that expanded financial transaction capabilities on the platform.

Senior Software Engineer · REG.RU

2017-08 — 2019-07

Remote

Maintained and extended backend systems for a large-scale domain registrar and hosting platform, covering caching, authentication, asynchronous processing, email, and partner integrations.

Web Developer · uCoz

2016-08 — 2017-08

Saint Petersburg, Russian Federation

Enhanced a large-scale SaaS CMS platform and built high-throughput crawler tooling for market research across millions of websites.

Lead System Engineer · HOST

2008-03 — 2015-12

Saint Petersburg, Russian Federation

Modernized enterprise infrastructure, virtualization, backup, storage, and disaster recovery capabilities for business-critical environments.

PROJECTS

Make It Public

Go reverse proxy and tunneling service for securely exposing private/local services to the public internet.

- Created a client/server architecture that routes public HTTP and TCP traffic to services running behind NAT or private networks.
- Added secure token-based authentication and TLS-enabled deployment options for safer public exposure of local services.
- Packaged the tool for practical developer workflows with Docker, Homebrew, prebuilt releases, CI, and automated tests.

Go Reverse Proxy Tunneling TLS

wsget

Go CLI for interactive WebSocket testing, scripting, and debugging.

- Implemented an interactive WebSocket client supporting text, JSON, and binary messages with optional session output capture.
- Implemented terminal editing features including request history, fuzzy search, autocomplete, and keyboard-driven workflows.

Go CLI WebSocket Developer Tools

LANGUAGES

English Full Professional

Russian Native