

Kirill Sysoev

Software Engineer

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SUMMARY

Experienced Staff Engineer with deep expertise in backend development. Proven track record of leading engineering teams, architecting scalable systems, and driving technical excellence across diverse technology stacks. Strong background in Perl, Go, and software architecture. Passionate about continuous learning and emerging technologies.

SKILLS

Backend Engineering

Go Perl Microservices API Gateway
System Design Distributed Systems

Cloud & Platform

AWS Serverless CI/CD Infrastructure as Code
Kubernetes Grafana

Leadership

Team Leadership Mentoring Code Review
Technical Strategy Architecture Governance

EXPERIENCE

Staff Engineer · Deriv

2025-11 — 2026-05

Limassol, Cyprus

- Designed and delivered an internal developer platform enabling service teams to independently publish and manage APIs for third-party developers, improving autonomy and time-to-market across the organization.
- Architected and delivered a custom API gateway built on Go, deployed on AWS with a GitHub-based CI/CD pipeline supporting on-demand feature deployments. The solution scaled to handle 30M+ daily requests while reducing API management costs by 97% — from \$12,000+/month to ~\$300/month.

Staff Engineer · Deriv

2024-07 — 2025-10

Cyberjaya, Selangor, Malaysia

- Leading GoLang integration within existing technology ecosystem, creating standardized development frameworks and architectural guidelines for scalable service development
- Facilitated knowledge transfer through structured training initiatives, building internal expertise in emerging technologies and development practices
- Engineered cloud-native solutions on AWS serverless platform, delivering robust authentication mechanisms and event-driven communication systems for microservices architecture
- Automated deployment lifecycle through infrastructure-as-code implementation, establishing reliable CI/CD processes that enhanced development workflow efficiency

Lead Software Developer · CyberOwl

2024-03 — 2024-06

Cyberjaya, Selangor, Malaysia

- Architected and delivered scalable inventory management system using Golang backend and React frontend, supporting enterprise-level operations
- Established development standards and led code review processes, implementing automated testing frameworks that reduced bug reports and improved release reliability
- Mentored development team through technical guidance and best practices enforcement, ensuring consistent code quality across all deliverables

Staff Engineer · Deriv

2023-10 — 2024-03

Cyberjaya, Selangor, Malaysia

- Leading development initiatives for business-critical projects, ensuring delivery of high-impact solutions aligned with organizational objectives
- Drove performance optimization and stability improvements across system-critical components, enhancing overall platform reliability
- Writing and reviewing system design documents to establish technical standards and architectural best practices
- Developed strategic roadmaps and technical vision for key projects, guiding long-term development priorities
- Mentored engineering teams through rigorous code review processes, maintaining code quality and knowledge sharing

Technical Lead · Deriv

2023-01 — 2023-10

Cyberjaya, Selangor, Malaysia

- Architected detailed design specifications for feature development and system integrations, streamlining development workflows
- Provided expert technical consultation to team members, facilitating informed decision-making across complex projects
- Diagnosed and resolved production system issues, maintaining operational stability and service reliability
- Leading technical delivery of high-priority projects through strategic oversight and hands-on leadership

Team Lead · Deriv

2020-03 — 2023-01

Cyberjaya, Selangor, Malaysia

- Scaled and optimized backend development operations by leading a diverse team of up to 14 engineers, implementing strategic process improvements that enhanced software delivery lifecycle efficiency
- Collaborated with senior stakeholders to align technical solutions with business objectives, ensuring timely delivery of trading platform enhancements while maintaining quality standards
- Established technical governance through standardized RFC processes and comprehensive code review protocols, personally developing system design documentation for critical platform features
- Built high-performance team culture through structured performance management, conducting regular career development sessions that supported individual growth trajectories within the organization
- Maintained operational resilience by leading production incident response and resolution efforts, combining technical problem-solving with team coordination to minimize business impact
- Demonstrated thought leadership by contributing to organizational talent development through the Deriv BeSquare program, structuring backend development curriculum and mentoring emerging IT professionals

Backend Developer · Deriv

2019-09 — 2020-03

Cyberjaya, Malaysia

- Conducted code reviews across development teams, maintaining high coding standards and reducing production bugs by ensuring consistent code quality
- Developed and deployed P2P payment services, directly contributing to enhanced financial transaction capabilities and platform growth
- Implemented critical features and resolved system issues for trading platform infrastructure, improving overall functionality and system reliability

Senior Software Engineer · REG.RU

2017-08 — 2019-07

Samara Region, Russian Federation

- Maintained and optimized high-performance backend systems including distributed caching, session management, user authentication, and asynchronous job processing for large-scale web hosting platform
- Developed robust email communication infrastructure with bulk messaging capabilities to support customer outreach and automated notification systems
- Implemented partner management and affiliate tracking system using modern software architecture patterns to support business development initiatives
- Participated in collaborative code review workflow ensuring adherence to software engineering best practices and continuous improvement of development processes

Web Developer · uCoz

2016-08 — 2017-08

Saint Petersburg, Russian Federation

- Enhanced platform capabilities for a major SaaS solution supporting 1+ million active websites, directly impacting user experience and platform reliability
- Development of proprietary CMS market research tool, solving complex data collection challenges across 10+ million websites
- Optimized crawler performance to achieve 1,000 sites/minute analysis speed, implementing multi-criteria evaluation system with 1,000+ assessment parameters
- Generated comprehensive market insights enabling data-driven strategic decisions for platform development and competitive positioning

Frontend Developer · i20.biz

2016-05 — 2016-07

Novosibirsk Region, Russian Federation

- Created comprehensive photo management solution using Angular, addressing client needs for organized visual asset storage
- Designed and implemented user-friendly interface that simplified complex photo collection workflows
- Was involved in development of back-office application that improved client efficiency in managing digital photo libraries
- Delivered responsive web platform enabling seamless photo organization and access across devices

Freelance Web Developer · Freelance Web Development

2014-12 — 2016-04

Saint Petersburg, Russian Federation

- Designed and implemented concurrent web crawling systems for automated data extraction from diverse online databases and websites
- Leveraged Mojolicious web framework to build scalable applications and services, demonstrating adaptability across varied project requirements
- Collaborated with clients to translate business needs into technical solutions, delivering meaningful results through strategic technology implementation

Lead System Engineer · HOST

2008-03 — 2015-12

Saint Petersburg, Russian Federation

- Designed resilient IT infrastructure solutions that eliminated single points of failure and minimized business disruption for enterprise clients across multiple industry sectors
- Optimized virtualization platforms and backup systems to enhance operational efficiency, enabling clients to achieve measurable improvements in system performance and resource allocation
- Collaborated with cross-functional teams to deliver tailored disaster recovery solutions that met stringent reliability requirements and regulatory compliance standards
- Maintained and troubleshooted enterprise-grade hardware systems, storage networks, and backup technologies, ensuring consistent service delivery and client satisfaction

IT Engineer · EviNet LLC

2007-04 — 2008-02

Saint Petersburg, Russian Federation

- Managed mission-critical Microsoft IT infrastructure for private educational institution, ensuring operational continuity
- Streamlined multi-location operations by integrating branch offices into centralized domain network environment
- Strengthened network security through implementation of VPN infrastructure and firewall security using Microsoft ISA servers
- Sustained and enhanced MS Exchange communication platform, supporting organization-wide productivity
- Advanced technical proficiency in IT infrastructure management and complex system integration projects

First-Line Support Specialist · WebPlus

2006-11 — 2007-04

Saint Petersburg, Russian Federation

- Diagnosed and resolved complex internet connectivity issues for diverse client base, ensuring minimal service disruption and optimal network performance
- Analyzed technical problems systematically to deliver targeted recommendations and solutions that restored uninterrupted internet services
- Enhanced technical troubleshooting capabilities while developing strong customer service expertise in fast-paced support environment

LANGUAGES

English

Full Professional

Russian

Native