

Kirill Nikiforov

SOFTWARE ENGINEER · Go / C++ / PYTHON

Batumi, Georgia

✉ me@allmazz.me | 📧 allmazz | 🌐 allmazz | 📱 allmazz1

Summary

Software Engineer with 6+ years of experience, including 4+ years building high-load distributed systems in Go, C++, Python, and JavaScript/TypeScript. Strong background in database design, optimization, and streaming pipelines — ClickHouse, PostgreSQL, Redis, Kafka. Solid Linux and networking fundamentals, with cloud deployment experience on AWS and GCP. Experienced with LLM integration and AI-augmented tooling. Background in reverse-engineering, hardware design and low-level programming.

Experience

Quintegro — Web Solutions

Full-time, Remote, United States

SOFTWARE ENGINEER

Oct. 2024 - Oct. 2025

- **Stack:** Golang, AWS Lambda, DynamoDB, AppSync, ECS, GraphQL, TypeScript, Stripe, CloudFlare
- Refactored a rental platform from legacy code to a modern serverless architecture, significantly reducing operational costs and eliminating multi-day deployment cycles for new features.
- Built a multi-service ecosystem with SSO integration enabling unified membership across platform components, funneling users from each product into the wider platform and increasing cross-service engagement.

T1-Group — GIS, Big Data

Full-time, Remote, Russia

SOFTWARE ENGINEER

Dec. 2021 - Oct. 2024

- **Stack:** Golang, Kafka, ClickHouse, PostgreSQL, Redis, MongoDB, Linux, GitLab CI/CD, Kubernetes
- Worked on a commercial solution to manage public transport and communal vehicles. Migrated telematics storage to ClickHouse and designed a high-performance reporting system, improving query efficiency up to 20x and meaningfully reducing infrastructure costs.
- Built high-load distributed systems with a Kafka-based telematics pipeline processing vehicle telemetry at scale.
- Collaborated with business analysts on real-time maps and entity management UI.
- Linux server administration, GitLab CI/CD, Kubernetes deployments.
- **Open source (ClickHouse, C++):** Rewrote the MongoDB integration adding WHERE pushdown to avoid full collection scans. Also contributed partition management and a DNS cache debugging system table (PRs).

Real Estate Agency

Freelance, Russia

FULL-STACK DEVELOPER

Sep. 2020 - Apr. 2021

- **Stack:** Python, JavaScript, MySQL, Chrome Extension
- Built a scraping and monitoring tool with Telegram notifications and a PDF presentation generator.
- Python backend for background scraping; admin panel for data viewing and employee management.
- Chrome Extension for content analysis, queue management, and PDF generation.

Cheapcherrybooks

Freelance, Russia

FULL-STACK DEVELOPER

Feb. 2020 - Aug. 2020

- **Stack:** OpenCart, PHP, MySQL
- Developed an online book fair platform with a custom theme, an automated store opening/closing timer, and a tailored payment module.

Skills

Languages	Go, Python, JavaScript/TypeScript, C++, SQL, Bash, PHP
Databases	ClickHouse, PostgreSQL, Redis, MongoDB, DynamoDB
Streaming & Infra	Kafka, Docker, Kubernetes, Linux
Cloud	AWS (Lambda, ECS, AppSync, DynamoDB, S3), GCP, Vercel
AI / LLM	OpenAI API, Gemini, OpenWakeWord, OpenUI, MCP, ACP
Human Languages	English (C1), German (A2), Russian (Native)

Mentorship

Computer Science Fundamentals

MENTOR

- Taught complete beginners the fundamentals of Computer Science: programming, system design, and problem-solving.