

ILIA GUDIMOV

Senior Platform Engineer | Infrastructure & Full-Stack

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PROFESSIONAL SUMMARY

Platform engineer with 7+ years of experience building and operating infrastructure at scale — from managing Linux infrastructure across 3,000+ retail locations at Fujitsu to architecting a GPU cloud platform managing 15+ bare-metal nodes across multiple countries at IQHost. Currently serving as Technical Lead, owning the full platform lifecycle: microservices in a Go monorepo with 90% shared code, provisioning via Ansible and Packer, Kubernetes orchestration, custom observability (Prometheus exporters for GPU/IPMI metrics), and customer-facing and admin Vue.js panels. Strong advocate for code quality, reusability, and KISS — shared internal libraries, strict separation of logic and rendering in the admin panel, optimized Docker builds with BuildKit caching. Deep Linux expertise (10+ years, RHCSA, Arch Linux community moderator). Proven ability to operate as a one-person engineering team and to lead small distributed teams across US, EU, and APAC time zones.

CORE COMPETENCIES

Infrastructure	Kubernetes, Docker, Ansible, Packer, Shell scripting, Linux networking
Backend	Go, Node.js, Python, RabbitMQ (pub/sub), PostgreSQL, MySQL, Redis, Event-Driven Architecture
Frontend	Vue.js 2/3, Nuxt.js, Pinia, EJS, Vanilla JS/HTML/CSS, PageSpeed optimization
Observability	Prometheus (custom Go exporters), Grafana, Loki, IPMI monitoring, qemu-guest-agent, Telegram alerting
CI/CD & Build	GitLab CI, GitHub Actions, Docker Compose, BuildKit (layer caching), Cypress (e2e testing)
OS & Tooling	Linux (10+ years: RHEL, Ubuntu, Arch), systemd, networking
Cloud	AWS (EC2, S3), GCP (GKE) — used for client workloads, not primary focus
Leadership	Team lead (3 engineers), hiring, code review, mentoring, architectural decision-making, client communications

PROFESSIONAL EXPERIENCE

Technical Lead & Infrastructure Architect

IQHost | Moscow, Russia (Remote)

Apr 2024 – Present

GPU cloud hosting provider offering bare-metal and virtual GPU servers (GTX 1080 to H100, including partner-leased H100 clusters) to individual and enterprise clients across multiple regions.

- **Architected a GPU VM platform from scratch, managing 15+ bare-metal nodes across multiple countries.** Go monorepo with a large shared internal/ library achieving ~90% code reuse across services. Microservices communicate via RabbitMQ pub/sub for loose coupling and horizontal scalability.
- Designed the platform's control plane on Kubernetes, orchestrating bare-metal GPU workloads via a custom Python/libvirt node agent managed by a dedicated engineer.
- **Automated the entire VM lifecycle** — new VM provisioning under 5 minutes, new node onboarding under 10 minutes. Built self-service tooling that enabled non-technical support staff to deploy custom VMs without engineering involvement.

- **Built the entire infrastructure automation stack from zero:** Ansible playbooks for server provisioning, Packer VM images, GitLab CI/CD pipelines, centralized logging (Loki), and a full Prometheus + Grafana observability stack.
- Developed custom Prometheus exporters in Go to monitor GPU utilization on bare-metal nodes, GPU load inside VMs via qemu-guest-agent, and hardware power consumption via IPMI — metrics unavailable through standard exporters.
- Built a customer-facing control panel and an internal admin panel (Vue.js with Pinia). Admin panel features strict separation of business logic and rendering, shared UI component library. Features include VNC access, backups/restores, and OS reinstall from images. Event-driven backend integration via RabbitMQ.
- **Lead a team of 3 engineers:** a junior frontend developer, a Python infrastructure engineer (node agent), and a mid-level ops engineer (Packer images, provisioning). Responsible for hiring, code review, mentoring, and all architectural decisions.
- Enforced engineering quality standards: monorepo with shared libraries, optimized multi-stage Docker builds with BuildKit caching, end-to-end integration testing (Cypress) for frontend coverage, and real-time Telegram alerting for critical infrastructure events.
- Own the full observability stack: structured logging, Grafana dashboards with actionable alerts, Prometheus metrics, Loki log aggregation — continuously iterating on visibility and incident response.
- **Effectively perform the roles of DevOps, backend, frontend, and architect** — a scope that would typically require a dedicated team for each discipline. Currently implementing tenant networking and Container-as-a-Service.

Cloud Engineer & Technical Account Lead

OneMarketData | Yerevan, Armenia (Remote)

Apr 2022 – Apr 2025

Enterprise financial data analytics company providing tick data solutions to institutional clients.

- **Owned an entire business segment end-to-end as the sole technical point of contact** for a major enterprise client: infrastructure provisioning, Python development, architecture decisions, client communications, and cross-functional coordination with finance teams on resource planning.
- Managed AWS cloud infrastructure (EC2, S3) including deployment automation with Ansible, containerized workloads on Kubernetes, and GitLab CI pipelines.
- Participated in full-stack development (Node.js, Vue.js) for internal tooling and client-facing features.

Founder & Sole Developer

Masterprofskills.ru | Russia (Remote)

Dec 2021 – Present

SaaS platform for career guidance specialists, generating professional PDF assessment reports in collaboration with a psychology Ph.D.

- **Single-handedly built and operate the entire platform** (Node.js backend, Vue.js + EJS frontend, PostgreSQL, Docker, GitHub Actions CI/CD) — maintaining 99.9% uptime with automated alerting and zero dedicated ops support.
- Scaled to 900+ registered users and 24,000+ generated reports. Evolved the product from a Google Sheets parser + .docx generator into a fully automated web platform with user management, payments, and dynamic PDF report generation.

Senior Customer Analyst & Internal Tools Developer

MARS Inc. | Moscow, Russia

2021 – 2022

- Provided first-line Helpdesk support while managing Azure DevOps pipelines, Windows Server environments, and Microsoft Exchange.
- Developed internal monitoring and alerting tools (Node.js, Vue.js), including a Telegram bot for real-time notifications and Grafana-integrated dashboards for systems health visibility.

Linux Systems Administrator

GDC (Fujitsu Preferred Supplier) | Kazan, Russia

Jan 2019 – Jan 2021

Tier-1 global IT services provider managing infrastructure for enterprise clients worldwide.

- **Managed Linux infrastructure across 3,000+ retail locations** (server + 3–25 POS terminals per site, all Linux) as part of a 30-person L2 support team in a multinational environment (US, EU teams). Incident response, Ansible automation, and system health at enterprise scale.
- Developed internal productivity tools (Node.js, Vue.js, Python) including a Telegram bot for task management. Utilized MySQL and Ansible for infrastructure management.

ADDITIONAL EXPERIENCE

Frontend Developer

Younesis | Moscow, Russia (Remote)

Aug – Sep 2024

- Delivered a pixel-perfect frontend from provided designs using Vue 3 + Nuxt — no additional libraries, demonstrating deep framework proficiency.

DevOps Engineer (Contract)

Settler | Dubai, UAE (Remote)

Dec 2023 – Feb 2024

- Implemented a pre-production Kubernetes environment on GKE with full GitLab CI integration and managed PostgreSQL deployments.

Cloud Operations Engineer

Big Data Solutions | St. Petersburg, Russia

Jan – Apr 2022

- AWS infrastructure management and customer support. Transferred to OneMarketData to lead a dedicated enterprise client segment.

NOTABLE PROJECTS

vrkz.io — Modular Task Tracker — Solo project

- API-first team task tracker with pluggable interface modules. Go CoreAPI with shared internal/ library (same architectural patterns as IQHost), Vue.js web frontend, and a Telegram bot as a full-featured independent interface. REST for bidirectional communication, RabbitMQ for async events. Multi-tenant design (one user

across multiple teams), infinite task nesting, plugin-ready architecture. Used daily by IQHost and ShowYou teams.

ShowYou (showyou.app) — Co-founder & Technical Lead

- B2B SaaS platform with event-driven microservices architecture (Go backend, Vue.js frontend, Docker Compose). Built a custom static site generator achieving 100/100 PageSpeed scores. Architecture prepared for Kubernetes migration.

Yandex Smart Home PC Integration — IoT / Go

- Voice-controlled PC power management in pure Go on Raspberry Pi with reverse SSH tunneling. Docker image optimized to 4 MB using scratch base, static compilation, and UPX binary compression.

Custom Split Mechanical Keyboard — Hardware DIY

- Self-designed and hand-built wireless split keyboard: handwired matrix, ZMK firmware on nRFMicro controllers, custom keymap, BLE connectivity.

CERTIFICATIONS & COMMUNITY

- Red Hat Certified System Administrator (RHCSA) — demonstrates foundational enterprise Linux proficiency.
- Preparing for Certified Kubernetes Administrator (CKA) examination.
- Moderator of the largest Russian-speaking Arch Linux community on Telegram (@ArchLinuxChatRU).

LANGUAGES

Russian (Native) | **English** (Professional working proficiency — conducted interviews and daily collaboration with native speakers from US and EU teams)

ENGINEERING PHILOSOPHY

KISS principle advocate. I believe in shared libraries over copy-paste, strict separation of concerns, observable systems with actionable alerts, and infrastructure-as-code from day one. I optimize for maintainability and operational simplicity — the best system is one that runs without my intervention.