Ramzan Bekbulatov

Software Engineer · Tech Lead

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SUMMARY

Software Engineer and Tech Lead with **11+ years of experience** building and consolidating platform infrastructure at scale, including 4+ years at Meta. Specialize in **unifying fragmented systems into reliable, high-performance platforms** — from a rendering framework serving 1B+ daily artifacts to **AI-powered code modernization** adopted company-wide. Driving cross-org technical strategy, owning 0→1 platform architecture, and mentoring engineers across multiple teams.

WORK EXPERIENCE

Software Engineer, Tech Lead
📅 August 2021 — Present · 4 years 7 months

∞ **Meta** — Platform infrastructure across Instagram, Facebook, WhatsApp, Messenger

- Built Artifacto from scratch — an event-driven rendering framework with on-demand artifact generation and real-time sync. Presented to VP of Engineering for buy-in. Delivers **1B+ daily artifacts**, adopted across 12+ use-cases, reducing integration time by 2–3 engineering weeks each
- Unified 4 fragmented APIs into the Unlockables Platform via consolidated endpoints, smart pagination, and image caching. Achieved **90% p50 latency improvement** — sub-500ms vs 2.5s legacy — powers 8+ clients across Meta apps
- Built an AI-powered codemod to address silent exception catches masking reliability issues. Adopted company-wide, **7K+ issues resolved** and continuously running
- Sole DRI on Messenger for Style 2 launch, **7M DAU**. Kept the entire backend running when team went from **4 engineers to 1**, shipping a Company priority on time
- Drove roadmap planning across Reality Labs and partners, defining priorities and aligning partner teams on architectural direction. Re-organized engineering practices, **24% → 82%** satisfaction
- #1 code reviewer year over year — **2,500+ substantive reviews**. Individually mentored **8+ engineers**, conducted 60+ interviews

Software Engineer, Independent Consultant
📅 March 2020 — August 2021 · 1 year 6 months

💼 **Self-Employed** — key engagements

- bhyve.cloud — Built a Kubernetes cluster management platform from scratch, from architecture to production, with automated billing and provisioning workflows. Enabled the startup to acquire its first paying customers
- l-charge.net — Built full-stack platform with integrated CRM, enabling an EV charging startup's market entry and securing first hundreds of paying customers

Software Engineer → CTO · 6-person team
📅 October 2018 — March 2020 · 1 year 6 months

📈 **Centurion Capital** — algorithmic trading

- Promoted to CTO — owned all technical strategy and architecture decisions
- Built the entire trading platform from zero — real-time data pipeline processing terabytes per day, ML-driven trading engine, and fault-tolerant Kubernetes-based microservices, **14 services** with 24/7 uptime

Software Engineer
📅 February 2015 — October 2018 · 3 years 9 months

📦 **Rock Flow Dynamics** — petroleum industry simulation software

- Architected Python API framework embedded in C++ simulation engine, enabling domain experts to build custom workflows
- Achieved **3x performance gains** via Jacobian matrix restructuring, cutting computation from **16 to 5 hours**
- Led asphaltene modeling implementation for two tier-1 clients, expanding commercial opportunities

SKILLS & EXPERTISE

Systems	Distributed Systems, System Design, Event-Driven Architecture, Platform Engineering, Reliability, SLOs, Observability
Leadership	Technical roadmapping, cross-org alignment, mentorship, hiring
AI	LLM integration (Gemini, Claude, OpenAI), AI agent orchestration, agentic systems
Languages	Python, Hack/PHP, C++, TypeScript, SQL
Infrastructure	Kafka, Redis, PostgreSQL, ClickHouse, Kubernetes, Docker, GraphQL

PROJECTS & OPEN SOURCE

- **compeek · live** — AI desktop automation agent that enables Claude to control any desktop app through a browser interface. Built for the Anthropic hackathon, Feb 2026. TypeScript, Docker.
- **DerpRobot** — AI-powered Telegram bot with **60K+ users**. Web search, image/video/audio generation via Gemini API. Python, PostgreSQL, Docker
- **throttler** — Zero-dependency Python rate-limiting library. 105 stars, **386 PyPI dependents**. Async-first design for production workloads

EDUCATION

Mechanics and Mathematics — Master's Degree in Computational Mathematics
🎓 **Lomonosov Moscow State University** — Russia's top-ranked university

TEACHING

Python Course Instructor   📅 January — June 2019
🎓 **Lomonosov Moscow State University**

Delivered the official Python programming curriculum. Guided 26 students to course completion with emphasis on practical software engineering.