

Vladislav Troinich

Lead Go Engineer & Software Architect

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PROFILE

Building production software since 2008, I lead architecture and implementation across industrial connectivity, data ingestion, processing, storage, reliability, and cloud and enterprise delivery—turning difficult production constraints into systems teams can operate and evolve.

EXPERIENCE

Lead Software Engineer 2020 – present

Litmus Automation · Industrial edge and data systems

Lead technical work across industrial connectivity, collection and normalization, analytics and storage, and reliable delivery to cloud and enterprise systems. Define architecture, decompose cross-cutting changes, review designs and code, and remain hands-on in critical Go services.

Senior Software Engineer 2017 – 2020

Litmus Automation · Industrial edge and data systems

Built backend and edge services in Go, C++, and Python for an industrial data platform, contributing to architecture, database integrations, performance work, device-data processing, and upstream delivery.

Senior Software Engineer 2015 – 2017

Sberbank Technology · Financial risk infrastructure

Developed a distributed high-performance risk calculation system, implemented core C++ computation modules, and helped modernize backend architecture and Linux delivery.

Software Developer 2012 – 2015

NIPK Electron · Distributed medical imaging

Built clustered PACS and DICOM services with high availability, replication, distributed storage, cross-platform delivery, testing, and deployment automation.

Software Engineer 2008 – 2012

Bank Otkritie · Engineering foundation

Developed banking applications, client messaging systems, and internal tools while progressing from a part-time junior role to software engineer.

TECHNICAL DEPTH

LANGUAGES	Go · C++ · Python
ENGINEERING	Distributed systems · Microservices · Spec-first design · TDD
DATA & STORAGE	PostgreSQL · Time-series (InfluxDB, VictoriaMetrics, TimescaleDB) · Redis · Embedded KV (BoltDB, BadgerDB, LMDB)
MESSAGING & STREAMING	MQTT · Kafka · NATS
APIS & PROTOCOLS	gRPC · REST · GraphQL
INFRASTRUCTURE & DELIVERY	Linux · Docker · Kubernetes · Prometheus · OpenTelemetry · GitLab CI/CD · Cloud Native · AWS

INDEPENDENT R&D

Outside my core professional work, I am keenly interested in crypto and financial systems. My side projects include designing and training PyTorch models on large financial datasets, along with the surrounding data-generation, experiment-management, and GPU-training pipelines. I also run local LLM inference and experiment with private coding-agent workflows.

EDUCATION

Master's degree in Information Systems · 2011
Bachelor's degree in Information Systems · 2009