

Tim Mustafin

Lead Engineer | Platform Engineering & Site Reliability Engineering

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Summary

Lead engineer with 10+ years in platform engineering, site reliability engineering (SRE) and backend development. Hands-on experience in Kubernetes, multi-cloud infrastructure, CI/CD and leading a team of 7 engineers.

Experience

Lead Engineer, Shield Swap | Provable Jun 2026 – Present

- Work on infrastructure, CI/CD, releases, monitoring and incident response for a confidential trading venue on Aleo, from development through early access.
- Public product metrics (DefiLlama, 22 Oct 2026): \$42M+ cumulative volume, ~\$2M TVL, ~5.5K transactions/day.

Senior DevOps Engineer | Provable Nov 2025 – May 2026

- Built CI/CD pipelines for the core developer of the Aleo privacy-focused blockchain.

Platform Engineer, Developer Experience | Bitvavo Sep 2024 – Oct 2025

- Developed internal platform tooling and CI/CD workflows to remove delivery blockers for product engineering teams at a regulated crypto exchange.

Senior DevOps Engineer | Airstack Jul 2023 – Aug 2024

- Co-owned production infrastructure for Web3 data APIs, spanning blockchain RPC nodes, Kubernetes operations and application deployments.

Research and Development Engineer | Chainstack Jul 2022 – Jun 2023

- Developed proofs of concept and onboarded IPFS, Web3 hosting, The Graph, indexing and subnet services.

Infrastructure Engineer | Chainstack Jan 2022 – Jul 2022

- Managed infrastructure across 4 cloud providers (AWS, GCP, Azure, Virtuozzo) with Terraform and Helm; automated blockchain node deployment and maintenance; wrote custom Prometheus exporters.

Development Team Lead | Yoloco Apr 2021 – Jan 2022

- Built and led a team of 7 engineers; owned system, infrastructure and database design.
- Delivered 3 services that automated manual analytics work and increased revenue.
- Migrated Azure VMs to GKE using infrastructure as code; delivered an ETL pipeline that cut costs by ~60%.

SRE / DevOps Engineer | X5 Retail Group Aug 2020 – Apr 2021

- Built CI/CD for a Java/React application on OpenShift and VMs; integrated Prometheus, Loki and Sentry for monitoring, logging and error tracking; participated in incident response.

Backend Developer / DevOps Engineer | Yoloco Sep 2019 – Jun 2020

- Built Django backends and distributed data pipelines with Celery, Redis and ClickHouse; deployed ML models and maintained infrastructure and CI/CD with Docker and GitLab CI.

Earlier Software Engineering | Stride.one; HART digital agency May 2015 – May 2019

- Developed Python backends, APIs and third-party integrations at Stride.one; built interactive installations on a project basis at HART.

Technical Skills

Platform & cloud: Kubernetes, Helm, Terraform, Ansible, Docker, OpenShift; AWS (EKS), GCP (GKE), Azure

Delivery & reliability: CI/CD, GitLab CI, Argo CD, incident response, Prometheus, Grafana, Loki, Sentry, ELK

Backend & data: Python, Go, TypeScript, SQL; Django, FastAPI, Celery; PostgreSQL, ClickHouse, Redis, Kafka

Education

MSc, Software Engineering and Computer Science — Schaffhausen Institute of Technology 2021 – 2023

BSc, Computer Science (Security & Blockchain minor) — Innopolis University 2017 – 2021

Projects & Languages

ClieND (2013–2021): Founded and led development of an iOS/Android school e-diary app with a distributed data parser; reached **100K+ monthly active users** at peak.

Languages: English (professional working proficiency), Russian (native)