

Mihail Fedorov

Senior DevOps Engineer · Infrastructure Lead · Security Specialist

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SUMMARY

DevOps Engineer with 20+ years of experience in infrastructure automation, cloud platforms, and security. Proven track record leading infrastructure teams, architecting high-availability systems, and maintaining zero security breaches across critical financial platforms. Deep expertise in network engineering including BGP routing, ASN management, and Internet Exchange operations. Background spans from bare-metal data centers to cloud-native architectures, with strong focus on CI/CD, Infrastructure as Code, and platform engineering.

TECHNICAL SKILLS

Cloud & Infrastructure

Azure · GCP · DigitalOcean · AWS · Terraform · Ansible · CloudFormation

Containers & CI/CD

Docker · Kubernetes · GitLab CI · Jenkins · Azure DevOps · GitHub Actions · ArgoCD

Networking

BGP · ASN · DN42 · Internet Exchange (IX) · ISP Infrastructure · LIR · IPv6 · DNS

Observability & Security

Grafana · Prometheus · ELK Stack · Splunk · PCI DSS · Security Auditing

Languages & Systems

Bash · Python · Node.js · Go · Linux (22+ years) · PostgreSQL · MongoDB · Redis

PROFESSIONAL EXPERIENCE

Head of Infrastructure / DevOps Engineer

2021 – 2024

SmartFi

Cryptocurrency lending, trading, and exchange platform

- Architected production infrastructure on Azure and DigitalOcean with high availability
- Designed CI/CD pipelines for rapid deployments across multiple environments
- Implemented monitoring with Grafana, Prometheus, and ELK stack
- Established Infrastructure as Code practices using Terraform and Ansible

Notary Network Advisor

2017 – 2021

Komodo Platform

Blockchain notary network operations

- Developed and maintained notary operators platform for distributed network operations
- Designed high-availability setups for blockchain node infrastructure
- Contributed to network security protocols and operational procedures

Chief Technology Officer

2013 – 2017

Creative Telematics & Trade

Shared hosting and cloud services provider

- Built and scaled hosting clusters serving thousands of customers
- Created billing and service management platform from scratch
- Experience with virtually all TLD registries and major domain registrars

Information Security Specialist / Senior Developer

2008 – 2013

DengiOnline (QIWI)

Largest Russian online payments aggregator

- Maintained zero security breaches for 4 years on high-value payment systems
- Developed integrations for 30+ payment systems and hundreds of services
- Implemented PCI DSS compliance measures and security certifications
- Coordinated security practices across teams with 40+ developers

Founder

2006 – 2012

Direct Systems

Electronic components trading platform

- Built e-commerce platform backend and trading systems
- Managed complete infrastructure stack from hardware to application layer

NETWORKING EXPERIENCE

ASN Owner – Managing own Autonomous System

Internet Exchange – Direct peering and IX operations

DN42 Network – BGP experimentation network

LIR Operations – IP allocation management

ISP Infrastructure – Building ISP-grade networks

EDUCATION & CERTIFICATIONS

Bachelor's in Information Systems

SPb Electrotechnical University "LETI" · 2010

Certified Bitcoin Professional

C4 · 2019

Information Security Specialist

InfoTech College · 2008

IPv6 Sage

Hurricane Electric · 2014

CloudU Certified Professional

Rackspace · 2016

LANGUAGES

English – Upper-Intermediate · **Russian** – Native · **Hebrew** – Beginner

INTERESTS

Vintage Hardware Repair · IoT Projects · Home Automation