

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.

TECHNICAL SKILLS

Cloud & Infrastructure

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

Networking

BGP · ASN Management · DN42 · Internet Exchange · ISP Infrastructure · LIR · IPv6 · DNS · VPN

Languages & Systems

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

Containers & CI/CD

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

Observability & Security

Grafana · Prometheus · ELK Stack · Splunk · Datadog · PCI DSS · Security Auditing · SSL/TLS

PROFESSIONAL EXPERIENCE

DevOps Consultant

2024 – Present

Independent

- Delivering rapid infrastructure deployments for event platforms with tight deadlines
- Designing high-load architectures for traffic-intensive websites
- Building CI/CD pipelines enabling fast iteration cycles from concept to production

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
- 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
- Designed high-availability setups for blockchain nodes
- Worked on network security and consensus hardening

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 Group)

Largest Russian online payments aggregator

- Maintained zero security breaches for 4 years on payment systems
- Developed integrations for 30+ payment systems
- Implemented PCI DSS compliance
- Coordinated security 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

NETWORKING EXPERIENCE

ASN Owner – Managing AS26954, multihomed across 4 locations

Internet Exchange – Peering across multiple Internet Exchange points

DN42 Network – Active participant in BGP experimentation network

LIR Operations – IP allocation and RIPE database management

EDUCATION & CERTIFICATIONS

BSc Information Systems

SPb Electrotechnical University "LETI" · 2010

Certified Bitcoin Professional

C4 · 2019

Information Security Specialist

InfoTech College · 2008

CloudU Certified Professional

Rackspace · 2016

Systems Admin / DevOps, Frontend & Backend

Development

RetraTech · 2010

IPv6 Sage

Hurricane Electric · 2014

Networks Admin / Security

RetraTech · 2008

Languages: Russian (Native) · English (Upper-Intermediate) · Hebrew (Beginner)

Interests: Vintage Hardware Repair · Microcontrollers · IoT Projects · Home Automation · Food Tourism · Puzzles & Collectibles