

# 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

### Networking

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

### Languages & Systems

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

### Containers & CI/CD

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

### Observability & Security

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

## 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

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**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

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### 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

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

## INTERESTS

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Vintage Hardware Repair · IoT Projects · Home Automation