Pavel Schekin

Senior DevOps Engineer

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PROFESSIONAL PROFILE

Modern DevOps Engineer specializing in AI/ML infrastructure and cloud-native solutions. Expert in hybrid cloud architectures, microservices orchestration, and implementing cutting-edge monitoring with VictoriaMetrics stack. Proven experience supporting AI workloads and customer support automation platforms.

TECHNICAL SKILLS

Cloud Platforms	AWS (EKS, IAM, ECS, Lambda), GCP (GKE, BigQuery), DigitalOcean, OpenShift
Container Orchestration	Kubernetes, Helm, ArgoCD, K3s, Tekton, OpenShift
Monitoring & Observability	Prometheus, Grafana, VictoriaMetrics, VictoriaLogs, DataDog, ELK Stack, Alertmanager
AI/ML Infrastructure	AI API Integration, Local Inference Setup, AI Workload Orchestration
Scripting & Automation	Bash, Python, Shell Scripting, PowerShell
Security & Compliance	IAM, SSL/TLS, Network Security, Vault, External Secrets

WORK EXPERIENCE

Senior DevOps Engineer

AI Customer Support Startup | 2025 – Present

Complete infrastructure deployment for AI-driven customer support platform from scratch

Hybrid cloud architecture implementation (AWS + bare-metal) with Kubernetes orchestration

Migration from DigitalOcean to hybrid infrastructure using Ansible automation

CI/CD pipeline setup with GitLab and ArgoCD for 30+ microservices

Implementation of comprehensive monitoring stack (DataDog, VictoriaMetrics, VictoriaLogs)

AI API integration and local inference infrastructure setup

Secret management with Vault and External Secrets Operator

Kubernetes backup solutions and disaster recovery procedures

K3s cluster deployment automation with Ansible

Golang-based microservices infrastructure optimization

→ *Built complete production infrastructure supporting AI workloads*

→ *Reduced infrastructure costs by 40% through hybrid cloud approach*

→ *Achieved 99.9% uptime for customer support AI services*

→ *Implemented zero-downtime deployment for all 30 microservices*

Lead DevOps
Blockchain Service Provider | 2023 – 2024

Created entire infrastructure from scratch for multi-chain blockchain service

Development and maintenance of Terraform modules for cloud infrastructure

Ansible automation for bare-metal server configuration

Implementation of GitOps with ArgoCD for deployment automation

Infrastructure management on DigitalOcean and bare-metal servers

Deployment and configuration of K3s clusters for blockchain networks

Performance optimization for blockchain infrastructure and API endpoints

→ *Built infrastructure supporting 1M+ daily blockchain transactions*

→ *Achieved 99.95% uptime for critical blockchain services*

→ *Reduced deployment time from hours to minutes*

→ *Managed multi-chain infrastructure across various blockchain protocols*

Senior DevOps Engineer
Financial Institution | 2024 – 2025

Management and optimization of OpenShift infrastructure for high-load banking applications

Orchestration of CI/CD pipelines using Tekton and ArgoCD

Implementation of API Gateway (3scale) for centralized API management

Development and support of Helm charts for banking projects

Participation in migration to Kubernetes, resulting in 30% performance improvement

→ *Reduced infrastructure costs by 25% through optimization*

→ *Improved deployment frequency from weekly to daily releases*

→ *Zero security incidents during tenure*

Lead DevOps
Online English Language School | 2022 – 2023

Migration from AWS ECS to EKS improving scalability

GitOps implementation with ArgoCD

LiveKit (WebRTC) infrastructure for video lessons

Auto-scaling configuration for video services

GKE and Google BigQuery integration for analytics

→ *Supported 10,000+ concurrent video sessions*

→ *Reduced infrastructure costs by 40%*

→ Improved system reliability to 99.9% uptime

Senior DevOps Engineer

Blockchain Project | 2021 – 2022

Infrastructure orchestration for 100+ blockchain networks with 60k RPS

API access infrastructure for historical blockchain data

Building monitoring stack (Grafana, Prometheus, Alertmanager)

Database management with replication for high availability

AWS infrastructure management with security focus

Network orchestration for Solana, Polkadot, and Ethereum ecosystems

→ Orchestrated infrastructure processing billions in transactions

→ Maintained 60,000+ RPS across distributed blockchain networks

→ Implemented zero-downtime deployment strategies

→ Reduced monitoring alert noise by 70%