



Michael Fedorovsky

DevOps Engineer | Cloud Infrastructure Architect | AI Automation Specialist

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DevOps Engineer with 2 years proven expertise in cloud infrastructure (AWS/Azure/GCP), advanced containerization (Docker/Kubernetes), production CI/CD automation, and AI-powered tooling. Built 100+ production tools including Windows system administration apps, cross-platform monitoring solutions, and enterprise-grade automation frameworks. Specialized in Infrastructure as Code (Terraform/Ansible), secrets management, multi-cloud orchestration, and team collaboration at scale.

🔧 CORE COMPETENCIES

Cloud AWS	EC2, S3, RDS, Lambda, ECS, EKS, VPC, IAM, CloudFormation, CloudWatch, Route53, ALB/NLB, SQS, SNS
Cloud Azure	VMs, AKS, Azure DevOps, ARM Templates, Functions, Blob Storage, App Service, Virtual Network
Cloud GCP	Compute Engine, GKE, Cloud Run, Functions, Cloud Storage, VPC, Cloud Build • Vercel, Cloudflare
Containers	Docker: Multi-stage builds, BuildKit, Compose, optimization, networking • Podman, Docker Swarm
Kubernetes	Deployments, StatefulSets, Services, Ingress, RBAC, Network Policies, PV/PVC, Helm, Kustomize, ArgoCD, Rancher
Service Mesh	Istio, Linkerd, Envoy • Traffic management, service discovery, observability
IaC	Terraform: Modules, workspaces, state mgmt, remote backends • Ansible: Playbooks, roles, vault
CI/CD	GitHub Actions, GitLab CI, Jenkins • GitOps (ArgoCD, Flux), pipeline-as-code, multi-stage deployments
Monitoring	Prometheus, Grafana, Datadog, ELK Stack, Loki, Jaeger, Splunk, Netdata, Zabbix, Checkmk, PagerDuty
Secrets	Vault, AWS Secrets Manager, Azure Key Vault • Encryption, rotation, access policies
Scripting	Advanced Bash & PowerShell • System admin, deployment automation, task scheduling, error handling
Languages	Python: API integration, operators, frameworks • Go: CLI tools • C#, .NET, JS, TS, SQL
AI/ML	LangChain, OpenAI API, Claude API, LLM integration, RAG systems, agent frameworks, prompt engineering
Databases	PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch • Replication, backups, performance tuning
Security	Trivy, Snyk, OPA, Keycloak, SonarQube, Falco • SAST/DAST, vulnerability scanning
Networking	Nginx, Traefik, HAProxy, Envoy • Reverse proxy, load balancing, SSL/TLS, network optimization
OS/Virt	Linux (Ubuntu, Alpine, RHEL), Windows Server, WSL, KVM, Proxmox, VMware
Backup/DR	Multi-tier backup orchestration, disaster recovery automation, snapshot management
Tools	Git, GitHub, GitLab, Jira, Slack, Confluence • Code review, documentation, incident response

👛 PROFESSIONAL EXPERIENCE

DevOps Engineer @ TovTech

2 Years

- Architected production & staging environments on Webdock with Cloudflare CDN, SSL, DDoS protection
- Designed CI/CD pipelines (GitHub Actions): lint → test → Docker build → DockerHub → auto-deploy
- Built multi-stage Dockerfiles optimizing image sizes 60%, implemented health checks & auto-recovery
- Deployed full observability stack: Prometheus metrics, Grafana dashboards, ELK log aggregation
- Managed PostgreSQL with migrations, replication, automated backups; achieved 99.9% uptime

🚀 PORTFOLIO HIGHLIGHTS (100+ PROJECTS)

StartupMaster Desktop App C# • .NET 8.0 • WPF • System Admin Production Windows startup manager with boot impact analysis, safe-to-disable filtering, system tray integration	Multi-Cloud Infrastructure Terraform • AWS/Azure/GCP • Ansible IaC automation across clouds with modular Terraform, remote state, cross-cloud orchestration	Production K8s Platform Kubernetes • Helm • ArgoCD • Istio Enterprise K8s with service mesh, GitOps CD, RBAC, network policies, auto-scaling
AndroidMonitor System C# • ADB • Real-time Monitoring Cross-platform Android device monitoring via USB with automated health checks, state tracking	Windows System Repair Suite PowerShell • DISM • System Recovery Production tools: Win11Reset, Win11Repair, PrebootRepair, automated system diagnostics & recovery	Game Library Manager JavaScript • Docker • Web UI Dockerized web app managing 928-game database with search, categorization, deployment automation
AI Automation Framework Python • LangChain • OpenAI • Go LLM-powered tools with custom operators, RAG systems, API integrations, agent orchestration	Docker Tools Ecosystem Docker • Compose • BuildKit Comprehensive Docker tooling: Dockge, Dokku, Dozzle, Heimdall, DockSTARTer implementations	Backup Orchestration PowerShell • PostgreSQL • VM Snapshots Multi-tier automated backup system: databases, filesystems, VMs, applications with rotation policies
TovPlay Gaming Platform Flask • PostgreSQL • Docker • CI/CD Full-stack gaming backend: JWT auth, Discord OAuth, WebSocket real-time, complete pipeline automation	Observability Dashboard Prometheus • Grafana • ELK • Jaeger Unified monitoring: metrics, logs, traces, 40+ tool integrations, custom alerting dashboards	Network Optimizer PowerShell • Network Diagnostics MaximizeEthernet - automated network performance tuning, latency optimization, bandwidth management
Secrets Vault System Vault • AWS Secrets • Azure Key Vault Multi-cloud secrets management with encryption at rest/transit, auto-rotation, policy enforcement	Automation Bot Suite Python • Telegram API • Task Automation Production bots: notifications, trading alerts, monitoring, data processing with API integrations	Gitit Workflow Tool Python • Git Automation Custom Git tool: force-push automation, large file exclusion (>100MB), batch repository management
Container Security Scanner Trivy • Docker • Python Automated vulnerability scanning for Docker images with severity reporting, remediation guidance	API Gateway Platform TypeScript • Node.js • Redis High-performance gateway: routing, rate limiting, caching, JWT auth, load balancing	Shell Automation Suite Bash • PowerShell • AutoHotkey Advanced system automation: deployment scripts, monitoring, backup orchestration, hotkey management

🎓 EDUCATION & CERTIFICATIONS

Data Analysis Intensive Program

TovTech (1 Year) • Statistical analysis, data pipelines, visualization

Engineering Preparatory Year

Ariel University • Physics, Mathematics, Advanced English