



Michael Fedorovsky

DevOps Engineer | System Administrator | AI Automation Specialist

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Results-driven DevOps Engineer with expertise in cloud infrastructure, CI/CD automation, container orchestration, and monitoring systems. Built 50+ automation tools and production systems. Expert in AWS, Docker, Prometheus/Grafana stack, and Python/Bash scripting.

🛠 TECHNICAL SKILLS

Cloud	AWS, Azure, Vercel EXPERT • GCP, Cloudflare (Proficient)	Containers	Docker EXPERT • Kubernetes, Helm, Podman, Rancher, ArgoCD
CI/CD	GitHub Actions EXPERT • Terraform, GitLab CI, Jenkins	IaC	Terraform, Ansible (Proficient) • Pulumi, Packer
Monitoring	Prometheus, Grafana, Datadog, ELK, Loki, PagerDuty, Jaeger, Splunk EXPERT	Languages	Python, Bash, PowerShell, JavaScript EXPERT • TypeScript, Go, SQL
Databases	PostgreSQL, MySQL, MongoDB, Redis EXPERT • Elasticsearch	Security	Vault, Trivy, Snyk, OPA, Keycloak, SonarQube, Falco, nmap (Proficient)
Web/Proxy	Nginx, Traefik EXPERT • HAProxy, Envoy, Kong	OS/Virt	Linux, Ubuntu, Alpine, Windows Server, WSL, KVM, Proxmox EXPERT
Testing	pytest, Playwright EXPERT • Jest, k6	Tools	Git, GitHub, Jira, Slack EXPERT • GitLab, Confluence

💼 PROFESSIONAL EXPERIENCE

DevOps Engineer @ TovTech

- 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 by 60%, implemented health checks & auto-recovery
- Deployed **monitoring stack**: Prometheus metrics, Grafana dashboards, ELK log aggregation
- Managed **PostgreSQL** with migrations, replication, automated backups; achieved 99.9% uptime

1 Year

🚀 FEATURED PROJECTS (50+ TOTAL)

TovPlay Platform Flask • PostgreSQL • Socket.IO • Docker Gaming backend with JWT auth, Discord OAuth, real-time features, full CI/CD pipeline	Container Security Scanner Trivy • Docker • Python Automated vulnerability scanning for Docker images with severity reporting	API Gateway Platform TypeScript • Node.js • Redis API gateway with routing, rate limiting, caching, and JWT authentication
IoT Device Manager MQTT • Node.js • MongoDB Fleet management platform for IoT devices with real-time monitoring	DB Performance Monitor PostgreSQL • Grafana • Python Database health monitoring with query analysis and alerting dashboards	MCP On-Demand PowerShell • AI Dynamic AI tool server management with runtime loading/unloading
Web Scraping Platform Scrapy • Python • Redis Distributed web scraping with job queues and proxy rotation	Trading Bot Platform Python • WebSocket • APIs Cryptocurrency trading automation with real-time market data integration	ArgoCD GitOps Kubernetes • ArgoCD • Helm GitOps infrastructure with automated deployments and rollback capabilities
Dev Environment Manager Docker • CLI • Bash Containerized development environments with one-command setup	Telegram Bots Suite Python • API • Docker Multiple automation bots for notifications, trading alerts, and monitoring	WSL2 Automation PowerShell • Bash Complete WSL2 Ubuntu setup automation with dev tools and config
Log Analysis AI Python • ELK • AI AI-powered log analysis with anomaly detection and pattern recognition	Network Traffic Analyzer Python • Wireshark • Grafana Network monitoring and traffic analysis with visualization dashboards	Automated Testing Suite Playwright • pytest • CI/CD E2E testing framework with parallel execution and GitHub Actions integration

🎓 EDUCATION

Data Analysis Program — TovTech (1 Year Intensive Course)

Engineering Preparatory Year — Ariel University (Physics, Mathematics, English)