STOICHKO MAERKOV

Artificial Intelligence (AI) Engineer | Senior DevOps Engineer

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Applying AI and machine learning to build applications, systems, and workflows that solve real-world problems and help organizations work more efficiently. Combining this with Kubernetes, CI/CD, automation, and observability to deliver secure, reliable infrastructure at scale in iGaming and telecom.

EXPERIENCE

DevOps Engineer
Apr 2025 – current
EGT Digital

- GitLab CI pipelines for iGaming platform (1M+ users); Kubernetes cluster ops, autoscaling, resource quotas
- Prometheus + Grafana + Loki observability stack implementation

Senior DevOps Engineer
Jan 2023 – Apr 2025
E-Card

- Led monolith ' microservices Kubernetes migration: +40% scalability, 99.9% uptime
- GitLab CI + Jenkins pipelines with automated rollbacks — -60% deployment time
- Full Ansible + Terraform IaC automation — -80% provisioning time

Senior System Administrator
Sep 2021 – Nov 2022
EOS Matrix

- Hybrid cloud (VMware + AWS) for 50+ servers; Zabbix monitoring with custom alerting

Senior Core Admin / DevOps
Mar 2014 – Apr 2020
Maxtelecom / Ti.com

- ISP core network (Cisco OSPF/BGP, ASA/ISE); Ansible automation across 100+ nodes
- Ceph storage cluster + KVM virtualisation environment design and operations

IT / System Administrator
2004 – 2014
Datecs · Profonika · Euroleaseauto · Euroins · Information Service

- 20+ years enterprise infrastructure across finance, insurance and telecom sectors

KEY PROJECTS

- **Kubernetes Migration** — Monolith ' microservices; +40% scalability, 99.9% SLA
- **CI/CD Pipeline** — GitLab CI + Jenkins with auto-rollback; -60% deploy time
- **IaC Transformation** — Ansible + Terraform full automation; -80% provisioning time
- **Monitoring Stack** — Prometheus + Grafana + Loki + Alertmanager for 100+ servers

CORE SKILLS

Artificial Intelligence (AI) Engineer

AI and machine learning techniques to develop applications and systems that help organizations become more efficient. Focus on developing the tools, systems, and processes that enable AI to be applied to real-world problems.

Container & Orchestration
Kubernetes · Docker · Helm · ArgoCD

CI/CD & Automation
GitLab CI · Jenkins · Ansible · Terraform

Monitoring
Prometheus · Grafana · Loki · Zabbix · Alertmanager

Scripting
Bash · Python · PowerShell · Go

Infrastructure
Linux/Unix · VMware · KVM · Ceph · Vault

Networking
Cisco ASA/ISE · OSPF/BGP · Palo Alto · FortiGate

Cloud
AWS · Azure · Hybrid Cloud

Databases
PostgreSQL · MySQL · Redis

AI Engineering
LangChain · LlamaIndex · AutoGen · CrewAI

MLOps & Data
Weights & Biases · MLflow · Snowflake · Databricks · S3

CERTIFICATIONS

- **Cisco CCNP**
  Cisco Systems
- **AWS Solutions Architect**
  Amazon Web Services
- **CKA — Kubernetes Admin**
  CNCF
- **Terraform Associate**
  HashiCorp

EDUCATION

Bachelor — Telecommunications Eng.
Technical University of Sofia · 2002–2010

LANGUAGES

Bulgarian — Native
English — Professional