

VOLODYMYR STOIKO

SITE RELIABILITY ENGINEER



EXPERIENCE

- 2021
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present
- Site Reliability Engineer**
McKinsey & Company (remote)
- Migration of bespoke services into Kubernetes
 - Documenting existing infrastructure with infrastructure as a code(Terraform)
 - Automation of the Anthos Service Mesh deployments in Google Cloud
 - Development of the CLI tool for CI/CD/Release management processes
- 2021
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present
- Site Reliability Engineer**
Veego (remote)
- Managing company and customers Kubernetes environments
 - Developing CI/CD pipelines and internal tooling
 - Designing IoT infrastructure at high scale(millions of embedded devices)
 - Designing and implementing embedded device software simulator
- 2017
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2021
- Site Reliability Engineer**
Giant Swarm GmbH (remote)
- Development of the Managed Kubernetes in AWS/Azure/On-prem envs
 - Release process for the microservice oriented architecture
 - Extension of the Kubernetes API via CRD/custom controllers
 - Definition and development of SLI/SLO/SLA for customer-facing services
- 2016
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2017
- Deployment Engineer**
Mirantis, Inc (Lviv, Ukraine)
- OpenStack configuration and deployment(python/puppet)
 - Hybrid cloud platform deployments(Spinnaker)
 - Highly extensible CI/CD Jenkins pipelines(groovy)
- 2015
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2016
- DevOps Engineer**
GlobalLogic Ukraine (Lviv, Ukraine)
- Hiring process development for DevOps direction
 - On-prem to cloud infrastructure migrations
- 2012
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2015
- Infrastructure Engineer**
Sumitomo Electric Bordnetze Ukraine (Ternopil, Ukraine)
- LAN/WAN (Cisco equipment configuration)
 - Setup and administration cluster solutions for MySQL/Microsoft SQL DBs

CONTACT INFO

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TECHNICAL SKILLS

Kubernetes & CNCF landscape
Golang/Rust
Infrastructure as a code
AWS/Azure clouds
CI/CD/GitOps
Observability
Distributed systems
Linux
Networking

SOFT SKILLS

Communication
Collaboration
Accountability
Healthy ego
Flexibility
Empathy



LANGUAGES

Ukrainian (native)
English (advanced level)
Russian (trying to forget)
Spanish (basic level)

SELECTED PROJECTS

- 2023 • **Automated decision-making on software release readiness**
McKinsey & Company
 - Develop CLI tool which extracts security scan results from various systems
 - Prepare OPA policies to validate security scan results based on pre-defined gates values
- 2022 • **Design and deploy IoT solution using AWS cloud at high scale**
Details under NDA
 - Provision hybrid application platform based on Nomad/Consul/Vault via Pulumi
 - Develop service for MQTT-to-Kafka bidirectional message replication
- 2021 • **Design and implementation of organization GitOps strategy**
McKinsey & Company
 - Design baseline repository and configuration structure for existing/new projects
 - Implement software release-process POC based on ArgoCD/Argo Workflows
- 2020 • **Designing HA setup for Docker registries**
Giant Swarm GmbH
 - Development of the service for syncing images between configured registries
 - Setting up HA setup for transparent failover to backup Docker registry
- 2019 • **Migration Kubernetes cluster node provisioning to ignition**
Giant Swarm GmbH
 - Rewrite templating engine from cloudinit to ignition
 - Implement encryption for sensitive data

EDUCATION

- 2011 • **Master Degree in Computer Science**
Ternopil Ivan Pul'uj National Technical University  Ternopil, Ukraine
Real time face recognition in media streams.
- 2007 • **Master Degree in Computer Science**
Ternopil Ivan Pul'uj National Technical University  Ternopil, Ukraine
Systems Analysis & Design, Computer Systems Security

PROFESSIONAL CERTIFICATIONS

- 2019 • AWS Advanced Networking Specialist
- 2015 • ITIL V3 Foundation certified
- 2014 • Cisco CCNA Routing and Switching

HOBBIES

Playing guitar, violin, piano, drums
Large-scale IoT infrastructure
Bodyweight fitness with Freeletics
"Discworld" books by mr. Pratchett