

# VOLOODYMYR STOIKO

SITE RELIABILITY ENGINEER

## 💼 EXPERIENCE

2021   present	<b>Site Reliability Engineer</b> McKinsey & Company <ul style="list-style-type: none"><li>Migration of bespoke services into Kubernetes</li><li>Documenting existing infrastructure with infrastructure as a code(Terraform)</li><li>Automation of the Anthos Service Mesh deployments in Google Cloud</li><li>Development of the CLI tool for CI/CD/Release management processes</li></ul>	📍 (remote)
2021   present	<b>Site Reliability Engineer</b> Veego <ul style="list-style-type: none"><li>Managing company and customers Kubernetes environments</li><li>Developing CI/CD pipelines and internal tooling</li><li>Designing IoT infrastructure at high scale(millions of embedded devices)</li><li>Designing and implementing embedded device software simulator</li></ul>	📍 (remote)
2017   2021	<b>Site Reliability Engineer</b> Giant Swarm GmbH <ul style="list-style-type: none"><li>Development of the Managed Kubernetes in AWS/Azure/On-prem envs</li><li>Release process for the microservice oriented architecture</li><li>Extension of the Kubernetes API via CRD/custom controllers</li><li>Definition and development of SLI/SLO/SLA for customer-facing services</li></ul>	📍 (remote)
2016   2017	<b>Deployment Engineer</b> Mirantis, Inc <ul style="list-style-type: none"><li>OpenStack configuration and deployment(python/puppet)</li><li>Hybrid cloud platform deployments(Spinnaker)</li><li>Highly extensible CI/CD Jenkins pipelines(groovy)</li></ul>	📍 Lviv, Ukraine
2015   2016	<b>DevOps Engineer</b> GlobalLogic Ukraine <ul style="list-style-type: none"><li>Hiring process development for DevOps direction</li><li>On-prem to cloud infrastructure migrations</li></ul>	📍 Lviv, Ukraine
2012   2015	<b>Infrastructure Engineer</b> Sumitomo Electric Bordnetze Ukraine <ul style="list-style-type: none"><li>LAN/WAN (Cisco equipment configuration)</li><li>Setup and administration cluster solutions for MySQL/Microsoft SQL DBs</li></ul>	📍 Ternopil, Ukraine

## CONTACT INFO

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- 👤 core\_st

## 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 |  
2012 • **Master Degree in Computer Science**  
Ternopil Ivan Pul'uj National Technical University 📍 Ternopil, Ukraine  
Real time face recognition in media streams.
- 2007 |  
2011 • **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