

# VOLODYMYR STOIKO

## SITE RELIABILITY ENGINEER



### EXPERIENCE

- 2021  
|  
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  
|  
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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📧 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 • **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