

# 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  
|  
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

🌐 volodymyrstoiko.com  
in linkedin.com/in/corest  
✉ core.hor@gmail.com  
📧 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  
Real time face recognition in media streams.  
📍 Ternopil, Ukraine
- 2007 • **Master Degree in Computer Science**  
Ternopil Ivan Pul'uj National Technical University  
Systems Analysis & Design, Computer Systems Security  
📍 Ternopil, Ukraine



## 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