

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
- 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

SELECTED PROJECTS

- 2022
- **Deploy IoT solution into geographically distributed infrastructure**
Details under NDA
 - Provision hybrid application platfrom 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

CONTACT INFO

 volodymyrstoiko.com
 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)

HOBBIES

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

This is a disclaimer no one ever reads



EDUCATION

2011
|
2012

2007
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2011

● **Master Degree in Computer Science**

Ternopil Ivan Pul'uj National Technical University

📍 Ternopil, Ukraine

Real time face recognition in media streams.

● **Master Degree in Computer Science**

Ternopil Ivan Pul'uj National Technical University

📍 Ternopil, Ukraine

Systems Analysis & Design, Computer Systems Security



PROFESSIONAL CERTIFICATIONS

2019

2015

2014

● AWS Advanced Networking Specialist

● ITIL V3 Foundation certified

● Cisco CCNA Routing and Switching