

VOLOODYMYR STOIKO

SITE RELIABILITY ENGINEER

💼 EXPERIENCE

2021 present	• Site Reliability Engineer McKinsey & Company • 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	📍 (remote)
2021 present	• Site Reliability Engineer Veego • 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	📍 (remote)
2017 2021	• Site Reliability Engineer Giant Swarm GmbH • 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	📍 (remote)
2016 2017	• Deployment Engineer Mirantis, Inc • OpenStack configuration and deployment(python/puppet) • Hybrid cloud platform deployments(Spinnaker) • Highly extensible CI/CD Jenkins pipelines(groovy)	📍 Lviv, Ukraine
2015 2016	• DevOps Engineer GlobalLogic Ukraine • Hiring process development for DevOps direction • On-prem to cloud infrastructure migrations	📍 Lviv, Ukraine
2012 2015	• Infrastructure Engineer Sumitomo Electric Bordnetze Ukraine • LAN/WAN (Cisco equipment configuration) • Setup and administration cluster solutions for MySQL/Microsoft SQL DBs	📍 Ternopil, Ukraine

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