

# VOLODYMYR STOIKO

## SITE RELIABILITY ENGINEER



### EXPERIENCE

- 2017  
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present
- **Site Reliability Engineer**  
Giant Swarm GmbH (remote)  
• Development of the Managed Kubernetes in AWS/Azure/On-prem envs  
• Design, configuration, build, and maintenance of the core infrastructure  
• 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)  
• AWS based POC infrastructure design implementation  
• 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)  
• Application development for IBM Domino platform  
• Setup and administration cluster solutions for MySQL/Microsoft SQL DBs



### SELECTED PROJECTS

- 2020
- **CI/CD pipelines migration from Jenkins/CircleCI into Github Actions**  
Giant Swarm GmbH  
• Development of custom Github Actions for the release process  
• Rewriting Jenkins/CircleCI pipelines into Github Actions format
- 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 ignition**  
Giant Swarm GmbH  
• Rewrite templating engine from cloudinit to ignition  
• Implement encryption for sensitive data
- 2019
- **Setup reliable connection to infrastructure, deployed in China region**  
Giant Swarm GmbH  
• Design technical solution with AWS Direct Connect partner  
• Deploy AWS middleware infra as a proxy layer between EU and China regions



### EDUCATION

- 2011  
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2012
- **Master Degree in Computer Science**  
Ternopil Ivan Pul'uj National Technical University (Ternopil, Ukraine)  
Real time face recognition in media streams.
- 2007  
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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
- 2013
- IBM Lotus Domino 8.5 System Administration Fundamentals  
Managing IBM Lotus Domino 8.5 Servers and Users  
Creating a XPages Application in IBM Lotus Notes 8.5.x

### CONTACT INFO

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s 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 (high intermediate level)  
Russian (near - native)  
Spanish (basic level)

### HOBBIES

Playing guitar, violin, piano, drums  
Dfinity Internet Computer  
Bodyweight fitness with Freletics  
"Discworld" books by mr. Pratchett