

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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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