

Maciej Ogrodniczek

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DevOps Engineer focused on cloud computing, automation of software integration, Python programming, system administration, delivery process and configuration management.
Passionate about containers and Kubernetes.

Key technologies: Python, Linux, AWS, Jenkins, Ansible, Docker, Kubernetes.

Experience

- 2018.01–2018.07 **Senior DevOps Software Engineer, Softserve.**
Worked as DevOps in the Data Ingestion team in a Danish company working in big data field.
◦ Migrated services deployed manually to code using Chef and Terraform.
◦ Supported and maintained multiple Nifi instances for the development team.
Technologies: Chef, AWS, Terraform, Nifi, Rancher, Hadoop.
- 2017.03–2017.12 **Senior Software Engineer, Intive.**
Goal of this project was to automate tasks that were performed manually, like building process, release notes generation basing on multiple sources etc. Second part of the project was to perform DevOps activities (CI and Docker related) for a micro-serviced application.
◦ Automation of release process: Used multiple Python libraries to achieve the goal
◦ Improvements for CI: Docker storage optimization, Gerrit's pre-submit triggers improvements, introduced dynamic Jenkins slaves based on AWS.
Technologies: Python, Jenkins, Docker, Gerrit, AWS.
- 2015.10–2016.10 **Technical Leader, SCM, Nokia Solutions and Networks.**
Worked as a part of SCM Team responsible for releasing/maintaining/compiling software for Nokia network nodes hardware. I was assigned to Core Team, where we were creating concepts and implementing them.
◦ Designing new features and tasks planning for SCM Team,
◦ Creating own Nokia Distribution using Yocto Project,
◦ Helping SCM Team members in troubleshooting problems in wide spectrum,
◦ Kubernetes proof of concept in CI environment,
◦ Assuring HA for CI environment,
◦ Maintaining build environment and DNS servers for SCM purposes,
◦ Secured and hardened CI environment for crucial client deliveries.
Technologies: Yocto, Python, Eucalyptus (EC2, S3), Jenkins, Docker, Kubernetes.

- 2013.02–2015.09 **SCM Engineer, Nokia Solutions and Networks.**
 Worked as a part of LTE SCM Team responsible for releasing, maintaining and compiling software for LTE branch of Nokia products. I was assigned to Central Build Team, where we were responsible for a part of CI where the final product is created. Additionally, we were responsible for compilation of the product.
- Work with large scale CI ecosystem,
 - Refactoring and development of new tools used in SCM,
 - Introducing good practices in development, like TDD and OOP,
 - Maintaining and tuning automatic building processes,
 - Deployed Eucalyptus Cloud infrastructure in a build system,
 - Creating and implementing new parts of Continuous Integration process,
 - Provided multiple Python trainings for ca. 200 people inside Nokia and also Python trainings at Wrocław University of Technology.
- Technologies: Python, Eucalyptus (EC2, S3), Jenkins, Bash, Make.
- 2012.03–2013.01 **Junior Software Engineer, Tieto Poland.**
 Worked as a part of an external Team for a Client from telecommunications industry.
- Refactoring and development of new tools used in SCM,
 - Implementing new control processes to software release process,
 - Development and maintenance of building automation tools,
 - Produce builds of products.
- Technologies: Bash, Jenkins, Python.

Education

- 2007–2013 **Bachelor of Science degree, Wroclaw University of Technology.**
 Faculty: Electronics, Department: Teleinformatics
 Thesis: "A design of a computer network for the hosting corporation"

Languages

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| English | professional working proficiency |
| Polish | native |

Skills

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| Administration | Linux - RHEL and Debian based distributions, CoreOS. |
| Scripting | Python (advanced), Bash. |
| Cloud computing & containers | Amazon Web Services, Eucalyptus, RIAK (S3), Kubernetes, Docker, Terraform. |
| CVS | GIT, Subversion. |
| CM | Ansible, Chef. |
| CI | Jenkins, TravisCI. |
| Monitoring/logging | ELK. |
| Networking | Practical understanding of TCP/IP networks, troubleshooting, DNS. |

Trainings and certifications

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| Admin | Red Hat Certified System Administrator. |
| Embedded | Designing Embedded Systems with Yocto (Doulos). |
| Training | Train the trainers (Nokia) - 5 days long training for people providing trainings for others. |