

Maciej Ogrodniczek

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

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

Experience

2018.01–2018.07 **Senior DevOps Engineer, Softserve.**

Taken part in a project for Danish Company for Data Ingestion team in a field of BigData.

- Move services deployed manually into Chef cookbooks.
- Support and maintain multiple Nifi instances for development team.

Technologies: Chef, AWS, Nifi, Rancher

2017.03–2017.12 **Senior Software Engineer, Intive.**

Goal of this project was to automate tasks that were performed manually, like building process, release note 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 – Using multiple Python libraries to achieve the goal
- Improvements for CI – Docker storage optimization, pre-submit triggers improvements, introduce dynamic Jenkins slaves based on AWS

Technologies: Python, Jenkins, Docker, Gerrit, AWS

2015.10–2016.10 **Technical Leader, SCM, Nokia Solutions and Networks.**

SCM Team is 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.**

LTE SCM Team is releasing/maintaining/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 end product and final package creation.

- 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 outside Python
- trainings at Wrocław University of Technology.

Technologies: Python, Eucalyptus (EC2, S3), Jenkins, Bash, Make

- 2012.03–2013.01 **Junior Software Engineer, Tieto Poland.**
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.

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

- | | |
|---------|----------------------------------|
| english | professional working proficiency |
| polish | native |

Skills

- | | |
|-------------------------------------|---|
| administration | Linux - RHEL and Debian based distributions, CoreOS. |
| scripting | Python (advanced), Bash. |
| cvs | GIT, Subversion. |
| cm | Ansible, Chef. |
| ci | Jenkins. |
| cloud computing
& virtualization | <ul style="list-style-type: none">◦ Amazon Web Services, Eucalyptus, RIAK (S3),◦ Docker. |
| monitoring/logging | . |
| networking | Practical understanding of TCP/IP networks, troubleshooting, DNS. |

Trainings and certifications

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|----------|--|
| admin | Red Hat Certified System Administrator (10.2016, expired) |
| embedded | Designing Embedded Systems with Yocto (Doulos). |
| training | Train the trainers (Nokia) - 5 days long training for people providing trainings for others. |