ARTUR STACHECKI

EXPERIENCE

Expert IT Developer - Nordea
Aug 2017 - Present • 1 yr 10 mos

- Developed and integrated **Ansible** modules tailored for deployments within Hadoop ecosystem.
- Designined and developed software release process for Hadoop based applications using **Jenkins**, **Ansible**
- Set-up, deployed, and administered numerous, Highly-Available **OpenShift** clusters.
- Designed processes and created ecosystem for reproducible, **microservices** application development, testing, deployment, continuous integration using **Bazel**, **Kubernetes**, **Nix**, **jsonnet**, **Argo**, **sops**, **gitops**, **monorepo**, **distroless containers**, **BitBucket**
- Researched & Developed tools for Engineers to aid day-to-day work in restricted (network and policy-wise) corporate environment.
- Successfully rolled out fully reproducible development environments for engineers using **nix-shell**, customized **NixOS** distribution, offline **NixOS** installer and containerized **static nix** for cluster deployments.
- Conducted, trainings and workshops for engineers on topics related to **containerization**, **container platforms**, **build engineering**, **release engineering**, **programmable infrastructure**.
- Developed a framework for reproducible training environments based on **NixOS**, **IPXE**, **Jupyter**.
- Provided tooling and training enabling teams to conduct build & release activities without DevOps engineers.
- Continuously involved myself in promotion of DevOps culture which played significant role in **development of self-sustainable, cross-functional teams** and individuals.
- Started work on **Variability Modelling** and **Software Production Lines** in context of software delivery and deployment. Expected result is an expert system further aiding generation of cusomized workflows and deployments without a need for DevOps engineer.

R&D Engineer Software - Adva Optical Networking
May 2014 – Aug 2017 • 3 yrs 4 mos

- Took an active part in a development process of a modular integration and delivery pipeline architecture for a major company project, utilizing technologies such as **Jenkins**, **Phabricator**, **Maven**, **Ant**, **CMake**, **Artifactory**, **AWS EC2**.
- Designed and implemented original, highly generic and extensible framework for completely automated software promotion, releasing, delivery, packaging, and documentation of any product and its component parts on a binary and source code level.
- Development of a set of software libraries streamlining communication with all of the internally used applications, at the same time enabling rapid development of new tools for automation.
- Construction of a tool which allows state visualization of commits across hundreds of repositories in a context of multiple shared releases - combining metadata related gathered from external software life-cycle management systems.
- Created multiple extensions and plugins for internally used build systems such as **Maven** or **Jenkins**.
- Undertook responsibility in processes related to designing, creation, and monitoring of local and cloud-based infrastructure with regard to **infrastructure as code** principles.

Student R&D Software Production - Adva Optical Networking
Mar 2012 – May 2014 • 2 yrs 3 mos

- **Unix**-based systems provisioning, configuration, and administration.
- Development of processes and tools used in waterfall-based software production cycle.
- Management of version control systems **Subversion**, **GIT**, as well as serving support and training for development teams.
- Co-creation and deployment of internal release documentation system.
- Implementation and integration of tools and processes supplying three major project teams with means for code review and static **code analysis**.
- Development of extensions and plugins for internally deployed systems, such as **Jenkins** or **Phabricator** to suit company-specific work-flows and processes.
- Creation of a self-contained, installable development environment based on Cygwin which eases code review process for developers using Windows machines
- Development of fully versioned, streamlined and reproducible development environment used by developers, testers and automated continuous integration systems based on **Docker**, **Vagrant** and **VirtualBox** systems.
- Creation and utilization tools monolithic Subversion repository conversion into a set of small **Git** repositories, representing components of an entire project.

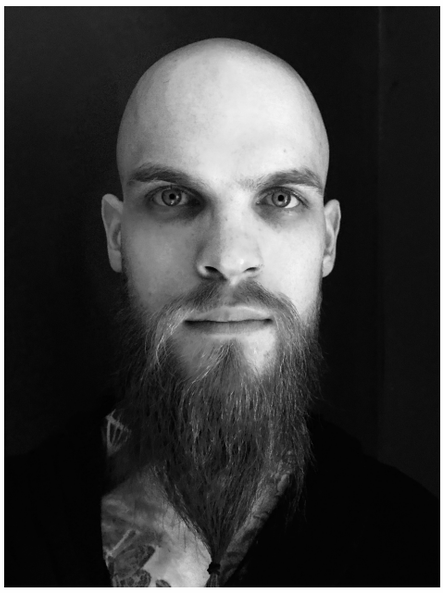
EDUCATION

Gdansk University of Technology
Master of Engineering - Electronics, Telecommunications and Informatics Faculty

- Thesis: *"Evaluation and analysis of modern solutions for automated deployment, scaling and management of containerized applications"*.
- Tech: Nix, NixOS, Docker Swarm, Kubernetes, Openshift, Jupyter.
- Grade: Ongoing

Gdansk University of Technology
Bachelor of Engineering - Electronics, Telecommunications and Informatics Faculty

- Thesis: *"Graphical representation system of the physical and logical Local Area Network structure"*.
- Tech: Python, CSS3, HTML5, vis.js, Docker Compose, Redis
- Grade: Upper Second-Class Honours



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SKILLS

Programming

Java
C#
Python
Bash

Tools

Git
Docker
Kubernetes
Emacs
Bazel
Nix/NixOS

LANGUAGES

English
Polish

COURSES

RedHat • OpenShift Administration
CNCF • Kubernetes Administrator
CNCF • Kubernetes Application Developer

INTRESTS

Operating Systems
Computer Networks
Software Development
Reverse Engineering
Psychology & Leadership
70s Prog Rock and beyond
Top 3 endurance sports