Top Skills

Komunikacja pisemna Software
Process Management Software
Management

Languages

angielski (Full Professional)
polski (Native or Bilingual)

Certifications

AgilePM Foundation
CKAD: Certified Kubernetes
Application Developer
IT Automation with Saltstack
Certified Jenkins Engineer 2023

DevOps Engineer | DevOps Consultant | DevOps Specialist |
DevSecOps Engineer | Build Engineer
Gdynia, Pomorskie, Poland

Summary

DevOps is about helping others release a product quickly with the
best quality. I like Security Development Lifecycle (SDL) processes
and Continuous Integration tools like GitHub, Jenkins or Kubernetes,
but what I'm passionate about the most is workflows for teams. It's
amazing watching how a good pipeline designed for the team helps
developers, organization and all contributors!

Experience

Intel Corporation
10 years 7 months

Infrastructure and DevOps Engineer
November 2022 - Present (1 year 10 months)
Gdańsk, woj. pomorskie, Polska

Design, implement and maintain Continuous Integration and Continuous
Deployment processes for microservices system distributed across multiple
geo locations - Developer Cloud. That include:
- Add new features and improve: Jenkins configurations, Jenkins pipelines,
GitHub Action workflows, GitHub repositories
- Configure build environment: Docker, Kubernetes, Ansible
- Maintain multiple Argo CD configurations and Argo CD applications
- Automate security scanners: Coverity, Trivy, Hadolint, kube-bench, McAfee
- Configure software legal compliance scanners: Protex, Trivy
- Maintain AWS cloud environments with terraform: EKS, S3, VPC, IAM,
CodeCommit
- Monitor build environment
- Support developers and other contributors
- Write documentation, Train others
Main achievements:
- I designed and implemented repository structure for Argo CD instances and
Argo CD applications using application sets. Thanks to this all applications for
all environments could be easily managed.

- I created access roles for all project contributors. Based on the project role everyone could get all needed access with single access request.
- I introduced Trivy Operator as a solution to monitor security issues. Thanks to this all environments could be monitored for security issues.
- I decreased build time duration by 70% by improving Kubernetes cpu/ memory requests
- I improved Argo CD sync from ~2h to ~2min

Stack: Jenkins, GitHub Actions, GitHub, Artifactory, Argo CD, Helm Charts, Kustomize, Terraform, AWS, Ansible, Kubernetes, Docker, Coverity, Trivy, kube-bench, Hadolint, Azure, Hashicorp vault, Bazel, Grafana, JIRA, Atlassian Confluence

Infrastructure and DevOps Engineer
January 2022 - December 2022 (1 year)
Gdańsk, Woj. Pomorskie, Polska

Design, implement and maintain Continuous Integration and Continuous Deployment processes for technology platform for executing and benchmarking workloads on on-premise clusters and in public clouds. That include:
- Add new features and improve: Jenkins configurations, Jenkins pipelines, GitHub Action workflows, GitHub repositories
- Configure build environment: Docker, Kubernetes, Ansible, Saltstack
- Automate security scanners: Trivy, Coverity, Checkmarx, linters, malware scan
- Configure software legal compliance scanners: Protex
- Monitor build environment
- Support developers and other contributors
- Write documentation, Train others
Main achievements:
- Designed and implemented solution to build specified workloads, push them to specified docker registries and finally run workload tests

Stack: Jenkins, GitHub Actions, GitHub, Artifactory, Argo CD, Helm Charts, Terraform, AWS, Ansible, Kubernetes, Docker, Coverity, Trivy, kube-bench, Hadolint, JIRA, Atlassian Confluence, Checkmarx, Kaniko

DevOps Engineer
August 2019 - December 2022 (3 years 5 months)
Gdańsk, Woj. Pomorskie, Polska

Design, implement and maintain Continuous Integration processes for 20+ projects. The biggest one built ~700 docker images with different kind of workloads. That include:
- Add new features and improve: Jenkins configurations, Jenkins pipelines, GitHub Action workflows, GitHub repositories, Gitlab CI/CD, GitLab repositories
- Configure build environment: Docker, Kubernetes, Saltstack, Ansible
- Automate security scanners: Trivy, Coverity, Checkmarx, McAfee, ClamAV, BDBA, SNYK
- Configure software legal compliance scanners: Protex
- Monitor build environment
- Support developers and other contributors
- Write documentation, Train others
- Train and lead 2 people
Main achievements:
- Created new solution for building multiple workloads. Reduced spinning of new agents from ~700 to ~100. Thanks to this HW resources are utilized better and builds are faster
- Implemented common docker cache for docker images built on a different Jenkins agents
- I introduced Jankins configuration as a code solution to multiple projects
- Improved build duration from 4h to 30 min
- Managed migration to GitHub for 1000+ repositories

Stack: Jenkins | JCasC | Docker | Kubernetes | Harbor | GitHub | GitLab | Helm | JIRA | Atlassian Confluence, Kaniko, Coverity, Checkmarx, SNYK, BDBA

Software Security Assurance Virtual Team member
October 2018 - December 2022 (4 years 3 months)
Gdańsk, Woj. Pomorskie, Polska

Member of cross-geo, multi-functional virtual team whose goal was to improve security awareness among all members of the business group. That include:
- Manage security training for developers and managers
- Write newsletters
- Help developers to understand security development lifecycle process
Main achievements:
- Designed and implemented SDL Automation reference project. Reference project that shows how SDL automation should looks like. Thanks to that devops and developers spent less time for SDL automation implementation, and they should benefit from the best-known methods for SDL automation.

- Implemented reference mechanism to upload SDL evidence. Thanks to this reports from SDL scanners can be uploaded automatically to the system that manages SDL evidence.
- Designed and implemented a new reference approach to build and scan project using the same dockerfile.

Stack: Jenkins, GitHub, Docker, Kubernetes, Coverity, Trivy, SNYK, BDBA, Checkmarx, Kaniko, Harbor

Software Configuration Management Engineer
February 2014 - December 2022 (8 years 11 months)
Gdańsk, Woj. Pomorskie, Polska

Design, implement and maintain Continuous Integration processes for 40+ projects. The biggest one produced ~5000 builds yearly. That include:
- Implement new features, improve and maintain: QuickBuild configurations, Jenkins configurations, Jenkins pipelines, GitHub Action workflows, GitHub repositories, Gitlab CI/CD, GitLab repositories, Git repositories
- Configure build environment: Docker, Kubernetes, Saltstack, Ansible
- Automate security scanners: Trivy, Coverity, Checkmarx, McAfee, ClamAV, BDBA, SNYK, Klocwork
- Configure software legal compliance scanners: Protex
- Manage Software Configuration Management Plan
- Monitor build environment
- Support developers and other contributors, on-call support
- Write documentation, Train others
Main achievements:
- Migrated confluence spaces to common instance. Thanks to this company saved money on license.
- Implemented common configurations for software legal compliance scan and malware scan which was used by all supported project (200+)
- Re-designed build systems for multicomponent project which result hundreds of hours per month saved for the company
- Created template for Software Configuration Management Plan and created a dedicated space to manage them for all projects.
- Migrated ~300 Protex projects to new server
- Created documentation that describes SDL and Release processes and its automation
- Created Jenkins configuration as a code solution for multiple Jenkins instances

Stack: Quickbuild, Git, Jenkins, Github, GitLab, Docker, Kubernetes, Helm, Harbor, Grafana, JIRA, Atlassian Confluence, ClearQuest, SonarQube, Saltstack, Klocwork, ReviewBoard

SQL Developer
July 2014 - July 2017 (3 years 1 month)
Gdańsk, Woj. Pomorskie, Polska

Develop and maintain application lifecycle management database system.
System has multiple databases across the world with replications, multiple
user interfaces (.Net web applications, excel plugin, different API's),
multiple record types including records types for defects management, test
management, requirement management. That include:
- Design and implement new features in database schema and .Net application
- Debug and fix issues
- Optimize database and frontend
- Develop API applications to interact with database
- Support users: Incidents, Service Requests, Change Request Management
- Change Request Management – Estimate ROI and manage requests queue
- Release management: ~50 releases
- Train and Lead 7 person team
- Maintain ClearQuest ALM schema
Main achievements:
- Optimized stored procedures and database views which result saved
hundreds of hours per month for 2000+ contributors
- Disabled SQL replication - hundreds of hours per month saved for the
company

Stack: SQL Server 2012, SQL Server 2014, .NET 4.0, JIRA, Atlassian
Confluence, ClearQuest

.NET Developer
February 2014 - August 2014 (7 months)
Gdańsk, woj. pomorskie, Polska

Develop ASP.NET application for project management (Agile boards, Quality
Dashboards). That include:
- Develop new features
- Debug and fix issues related to the application
- Debug issues in other connected applications
- Support users: Incidents, Service Requests,

Stack: ASP.NET MVC 4, C#, JavaScript, jQuery, SQL Server 2012, JIRA, Atlassian Confluence

Back-Up Server & IT Solutions
.NET developer
January 2012 - March 2012 (3 months)
Gdynia, woj. pomorskie, Polska

Develop application for smart home/office automation. That include:

- Develop schema in LightSwitch

- Implement reports using DevExpress XtraReports

Stack: VisualStudio LightSwitch, DevExpress XtraReports

Education

Politechnika Gdańska
Master's degree, Informatics · (October 2014 - May 2018)

Akademia Marynarki Wojennej w Gdyni
Engineer's degree, Informatics · (2010 - 2014)