

KRZYSZTOF RUSSEK

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RECENT PROJECTS

Traefik Reverse Proxy Implementation with Let's Encrypt SSL

- Implemented a secure reverse proxy using Traefik in a Dockerized setup, enabling efficient routing of web traffic to multiple self-hosted microservices.
- Integrated automated SSL certificate management via Let's Encrypt, enhancing security.

DevOps Implementation for a Flask Application on Google Kubernetes Engine (GKE) in GCP

- Designed and implemented a CI/CD pipeline, automating Docker image builds and storing them in GCP Artifact Registry.
- Created Kubernetes deployment and service YAML configurations for optimized application management.
- Established continuous deployment pipeline, integrating GitHub with GKE, and leveraging Cloud Build triggers.

Home Server Configuration Automation with Ansible

- Automated home server configuration using Ansible, streamlining tasks like updating SSH configuration, enabling password-less sudo, and managing package installations.
- Created roles for installing and configuring Docker and deploying Portainer for container management.
- Developed roles for setting up and managing a Samba server, extending server functionality for file sharing and network services.

PDF Restriction Remover CLI Tool

- Developed a command-line interface tool to unlock password-protected PDFs, enabling users to read, edit, and extract pages from restricted documents.
- Implemented a CI/CD workflow using GitHub Actions to automate packaging, installer creation, and release processes.
- Configured workflow triggers for version tagging using bump2version, ensuring automated and consistent version management.

EXPERIENCE

Geospatial Technician | Boeing Poland, Gdańsk | April 2020 - Present

- Analyzed aeronautical data from various external navigational sources to ensure comprehensive and accurate digital aviation products.
- Proactively engaged with data source providers to resolve data discrepancies, ensuring the highest standards of accuracy and reliability in aeronautical information.
- Communicated effectively with team members in Poland and abroad, including software development teams in the US and India, using Agile methodologies to enhance workflow efficiency and foster collaboration.
- Proposed and developed tools tailored to team needs, striving to improve operational efficiency.

EDUCATION

WSB Merito University - B.Sc. in Computer Science
Algorithms, and data structures, OOP, C#, Python,
JS, Databases, Software Design, Networks, Artificial
Intelligence

KodeKloud - DevOps & Cloud Training
Linux, Bash, GIT, Ansible, Terraform, Jenkins,
Docker, Kubernetes, Helm, GCP

TECHNICAL SKILLS

Programming Languages: Python, Bash, C#

Containerization and Orchestration: Docker,
Kubernetes (basic)

Infrastructure as Code (IaC): Ansible, Terraform

CI/CD: Jenkins, GitHub Actions

Cloud Platforms: Basic experience with GCP, Azure

Version Control: Git, GitHub

Operating Systems: Linux, Windows