



# Piotr Paszko

Cloud DevOps Engineer | Cloud Security Engineer |  
CISSP | SC-100

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Remote / Poland

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## PROFESSIONAL SUMMARY

INTERACTIVE PORTFOLIO

pjjp.github.io/PiotrPaszkoCV

My work centers around three key pillars:

- Cloud environment security audits
- Implementing targeted security fixes
- Building security automation and secure IaC

## WORK EXPERIENCE

### Cloud Security Engineer / Cloud DevOps Engineer – Software Mind

July 2024 - Present

I secure and improve Azure environments through security architecture, automation, and environment hardening. I perform Azure security audits, identify weaknesses, and drive targeted remediation. I strengthen posture with Defender for Cloud, security baselines, and Azure Policy. I build DevSecOps automation with Azure DevOps and Terraform/Bicep, handle incident response and alert triage, and work with developers to ensure secure, compliant application environments.

Azure Security    Kubernetes (AKS)    Terraform    Azure DevOps

### Cloud DevOps Engineer – Accenture Poland

July 2023 - June 2024

Managed Azure cloud infrastructure with strong emphasis on security compliance. Developed infrastructure as code using Bicep and PowerShell, implemented CI/CD pipelines, and ensured security best practices across cloud resources.

Azure Security    Bicep    PowerShell    CI/CD

### Junior DevOps Engineer – Capgemini

August 2022 - June 2023

Worked with OpenShift (Kubernetes) platform, automated infrastructure provisioning with Ansible, and managed RedHat environments. Built and maintained CI/CD pipelines using Jenkins and orchestrated data workflows with Apache Airflow.

OpenShift    Ansible    Jenkins    RedHat

### Junior Linux Admin/DevOps – Asseco Business Solutions S.A.

May 2021 - July 2022

Administered Linux systems, developed Python automation scripts with FastAPI, and managed containerized applications using Docker and Kubernetes. Implemented infrastructure as code with Terraform on AWS.

Linux    Python    Kubernetes    AWS

### Junior Full Stack Developer – cosphereorg

September 2019 - August 2020

Developed full-stack applications with Python backend and Angular frontend. Implemented data scraping solutions and applied machine learning algorithms for data analysis. Managed state with Ngrx and ensured code quality.

Python    Angular    Ngrx    Machine Learning    Data Scraping

### Junior Developer - Intern – Viessmann Research & Development Center

July 2019 - August 2019

Developed Python backend applications using Django framework. Worked with Docker for containerization, implemented unit tests, and handled database operations including Apache Spark for data processing.

Python    Django    Docker    Spark    Unit Tests

# CERTIFICATIONS



**CISSP (Certified Information Systems Security Professional)**  
ISC2 (Exam Passed)



**AWS Certified Machine Learning Engineer – Associate**  
Amazon Web Services



**Certificate of Cloud Security Knowledge v.5**  
Cloud Security Alliance



**Azure Security Engineer Associate**  
Microsoft



**Microsoft Certified: Cybersecurity Architect Expert**  
Microsoft



**HashiCorp Certified: Terraform Associate (003)**  
HashiCorp



**Azure Network Engineer Associate**  
Microsoft



**Azure Administrator Associate**  
Microsoft

# CORE EXPERTISE

Azure security architecture assessments & recommendations

Private Endpoints, network segmentation, VNet isolation

AKS security (pod controls, network policies)

Azure Policy, Defender for Cloud, security baselines

DevSecOps automation (Azure DevOps, Terraform)

Zero Trust, identity governance, privilege reduction

# KEY PERSONAL PROJECTS

## Secure Cloud & Kubernetes Architecture

*Master's Thesis Project*

A comprehensive implementation of cloud security best practices covering AWS infrastructure hardening with Terraform, Kubernetes (EKS) security using RBAC and Network Policies, and secure application development.

- Infrastructure Hardening:** Terraform modules for secure VPC, IAM, and Security Groups.
- Kubernetes Security:** Implementation of RBAC, Network Policies, and Pod Security Standards.
- Application Security:** OWASP Top 10 mitigation strategies implemented in Angular and Python.
- DevSecOps:** CI/CD with SAST/DAST and container image scanning.

## Lakey-Service

*Scalable Data Lake Access*

A scalable data lake access service enabling thousands of clients to connect to expensive data lakes via HTTP/Websockets for efficient data retrieval.

- Architecture:** Microservice design with Auth, Catalogue, and Downloader modules.
- Security:** Secure auth token management and access control permissions.
- Tech Stack:** Python, Jupyter, Websockets, HTTP APIs.

# EDUCATION

## Master's Degree in Computer Science

2022 - 2024

### Warsaw School of Computer Science

Focus on cloud computing, distributed systems, and software architecture.

## Bachelor's Degree in Cybersecurity

2018 - 2022

### Wrocław University of Science and Technology

Comprehensive program covering network security, cryptography, and threat analysis.