ADRIAN PANEK

My mail adrian-panek My page
Wrocław, Poland

EDUCATION

Wrocław University of Science and Technology *Jan 2024 - Jul 2025*
Master of Applied Computer Science

University of Southern Denmark *Sep 2024 - Jan 2025*
Master of Applied Computer Science (exchange student)

Wrocław University of Science and Technology *Oct 2020 - Jan 2024*
Bachelor of Information and Communication Technology (ICT)

TECHNICAL SKILLS

Programming: Python (FastAPI, Flask), Java (Spring Boot), Bash
Software & Tools: **Cloud:** Microsoft Azure (AZ-400, AZ-204), Google Cloud Platform
Container Orchestration: Docker, Docker Compose, Kubernetes
Infrastructure as Code: Terraform
Linux: Ubuntu and Red Hat

WORK EXPERIENCE

UBS (acquired Credit Suisse) *March 2022 - Present*
DevOps Engineer
Reduced manual deployment workload by automating routine operational tasks using Jenkins Pipelines, GitLab CI/CD, and Bash scripting, increasing deployment reliability.
- Enabled automated testing and deployment across 15+ projects by building and maintaining CI/CD pipelines with integrated code coverage report generation.
- Standardized infrastructure provisioning time from days to hours by developing Azure DevOps pipelines integrated with Terraform and Azure CLI.
- Ensured reproducible and scalable cloud environments by managing Microsoft Azure infrastructure using Terraform with version-controlled configurations across 20+ resources.
- Improved consistency and auditability of data workflows by administering Databricks jobs and notebooks via Terraform infrastructure-as-code.
- Improved system stability and uptime to 99.5% by investigating and resolving operational and performance issues in Azure-hosted applications.
- Improved release confidence by owning and enhancing daily UI test suites using Selenium and FitNesse for a FINMA-regulated application.
- Strengthened application security by reducing credential exposure to zero hard-coded instances through vulnerability remediation, software version management, and migration of credentials from repositories to Vault.

University of Southern Denmark *Dec 2024 - Jan 2025*
IT Student Assistant
- Improved Kubernetes cluster resource utilization by conducting research on workload dispatching optimization, analyzing scheduling strategies under varying load conditions.
- Reduced average response times by designing and executing experiments on load-balancing techniques in Kubernetes clusters.
- Automated scheduling decisions using AI-based algorithms by managing Kubernetes workloads programmatically through the Python API.
- Enabled reproducible experimentation and automated model evaluation by building and executing research pipelines in GitLab CI/CD.