ADRIAN PANEK

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 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 Communitaction 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 2023 - Present*
DevOps Engineer

- Automated routine operational tasks using Jenkins Pipelines, GitLab CI/CD, and Bash scripting, reducing manual workload and increasing deployment reliability.
- Built and maintained CI/CD pipelines across multiple projects, enabling automated testing, deployment, and code coverage report generation.
- Developed Azure DevOps pipelines integrated with Terraform and Azure CLI to standardize and streamline infrastructure provisioning.
- Managed Microsoft Azure cloud infrastructure using Terraform, ensuring reproducible, scalable, and version-controlled environment setups.
- Administered Databricks jobs and notebooks via Terraform, improving consistency and auditability of data workflows.
- Investigated and resolved operational and performance issues in Azure-hosted applications, improving system stability and uptime.
- Owned and enhanced daily UI test suites using Selenium and FitNesse for a FINMA-regulated application, improving test coverage and release confidence.
- Improved security posture by addressing vulnerabilities, managing software versions, and migrating hard-coded credentials from repositories to Vault.

University of Southern Denmark *Dec 2024 - Jan 2025*
IT Student Assistant

- Conducted research on optimizing workload dispatching in Kubernetes by analyzing scheduling strategies and evaluating their performance under varying load conditions.
- Designed and executed experiments on load-balancing techniques to improve cluster resource utilization and reduce response times.
- Managed Kubernetes workloads programmatically using the Python API, integrating AI-based algorithms to evaluate and automate scheduling decisions.
- Built and executed research pipelines in GitLab CI/CD, enabling reproducible experimentation and automated model evaluation.