

# Mircea-Pavel Anton

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## Professional Experience

### RAIFFEISEN BANK

Sep 2023 - Present

#### *ML Ops Engineer*

- Managing the production K8S cluster, migrating from manual deployments to a GitOps Workflow using FluxCD
- Sped up the development of applications by implementing CICD pipelines to automate tasks
- Improved security by implementing automated pipelines for security scanning

### THALES

July 2021 – July 2023

#### *DevOps Engineer*

Worked on developing and maintaining a Kubernetes-based CI/CD platform including tools such as GitLab, Jenkins, Artifactory, Keycloak, SonarQube, Dependency Track, Nexus, DefectDojo, and midPoint

- Managed, improved, and created Jenkins pipelines to automate testing and deployments
- Created Ansible Playbooks to automate configurations and deployments of services
- Used Terraform to provision development Kubernetes clusters in AWS
- Improved security by implementing IAM via midPoint

### UNIVERSITY OF AUTOMATIC CONTROL AND COMPUTER SCIENCE

Oct 2020 – Jun 2021

#### *Undergraduate Teaching Assistant*

Lab assistant for the “Signals and Systems” (1<sup>st</sup> semester) and “Theory of Control Systems” (2<sup>nd</sup> semester).

- Developed software in Python to automate the grading of student assignments
- Set up CI/CD pipelines in GitLab to ensure the quality of said software
- Taught introductory labs

## Certifications

Linux Foundation Certified System Administrator

Oct 2020 – Oct 2025

Certified Kubernetes Administrator

Dec 2022 – Dec 2025

Certified Kubernetes Application Developer

Dec 2022 – Dec 2025

Certified Kubernetes Security Specialist

Dec 2022 – Dec 2025

## Personal Projects

### GITOPS HOMELAB INFRASTRUCTURE

Automated my home infrastructure using GitOps practices using tools like Talos Linux, Kubernetes, FluxCD, Terraform, GitHub Actions and Renovate.

- Defined OS configuration as code using Talos Linux and talhelper
- Automated the cluster end to end, from Kubernetes down to the applications using GitOps
- Implemented offsite backups and disaster recovery using VolSync, MinIO, CloudFlare R2 and BackBlaze B2

## Education

UNIVERSITY OF ENTREPRENEURSHIP, BUSINESS ENGINEERING AND MANAGEMENT

*MSc in Digital Management*

UNIVERSITY OF AUTOMATIC CONTROL AND COMPUTER SCIENCE

*BSc in Systems Engineering*