

Radek Padrta

Platform Security Engineer - Cloud, AI & Identity

+420 776 606 963 | Prague, Czech Republic | padrtaradek@gmail.com | linkedin.com/in/radekpadrta

PROFESSIONAL OVERVIEW

Platform Security Engineer with 7+ years in IT, 4 of which building secure cloud infrastructure, identity systems, and AI-powered solutions across cloud. Specialises in security automation and self-service platforms that remove operational bottlenecks for engineering teams.

TECHNICAL SKILLS

StepSecurity · Native · IAM · Identity Governance · Azure · AWS · Terraform · Bash · GitHub Actions · Azure DevOps · Kubernetes · Docker · Helm · Flux · Prometheus/Grafana · ML/AI

WORK EXPERIENCE

Platform Security Engineer | Tricentis, Prague, Czech Republic

November 2024 - Present

- Designed and deployed AI security agents on AWS Bedrock AgentCore for WAF triage and pipeline security reviews
- Architecting a repeatable multi-cloud penetration-testing program across AWS, Azure, and GCP with AI-assisted exploit-chain proposals and human-gated, non-destructive validation
- Led and architected standardized cloud access roles across 80+ AWS accounts and 150+ Azure subscriptions, defining the multi-cloud identity standard adopted org-wide
- Engineered automated Identity Governance and Access Management platform integrating Confluence, Entra ID, and AWS IAM - eliminating 100% of manual provisioning workload for the ITOps team across all engineering staff
- Built real-time multi-cloud identity synchronization system with automated access reviews and approval workflows, cutting access provisioning time from days to minutes
- Architected AWS and Azure Landing Zone templates as the IaC foundation for scalable multi-cloud deployments
- Defined cloud automation standards using Terraform and native cloud APIs, enabling engineering teams to self-serve infrastructure without platform team involvement

Cloud AI Engineer | ACTUM Digital, Prague, Czech Republic

May 2024 - October 2024

- Owned end-to-end architecture and delivery of an enterprise AI orchestration platform on Azure Machine Learning, enabling automated content generation for SEO and copywriting teams
- Implemented custom security gates and guardrails ensuring secure AI model deployment while maintaining enterprise security standards and data protection compliance
- Built automated PR environment provisioning system enabling QA teams to spin up testing instances instantly based on pull request metadata, streamlining QA workflows

Consultant | Deloitte, Prague, Czech Republic

September 2023 - April 2024

- Architected and delivered GenAI-powered conversational AI solutions for EMEA internal clients (Audit and Legal departments), reducing staff research time and enabling natural language access to knowledge bases
- Designed cloud-native CCAAS (Contact Center as a Service) architectures implementing scalable serverless voice and chat capabilities
- Built production-grade infrastructure using Terraform IaC, establishing automated CI/CD pipelines via Azure DevOps for consistent and repeatable cloud deployments
- Implemented comprehensive security controls including AWS IAM policies, SSO integration, and data protection measures ensuring enterprise security compliance

Analyst | Deloitte, Prague, Czech Republic

October 2022 - August 2023

- Developed production chatbots and voicebots using Python and enterprise low-code platforms (Cognigy, Kore.ai) for automated customer service solutions
- Containerized applications using Docker for consistent deployment across development, staging, and production environments
- Configured and maintained AWS security infrastructure including IAM roles, policies, and SSO integration ensuring secure access control
- Provided L3 technical support for cloud infrastructure issues, troubleshooting complex AWS service integrations and maintaining 99.9% uptime for production systems

International Support Engineer | Studio Moderna, Prague, Czech Republic

September 2020 - September 2022

- Supported IT operations across 21 European countries as part of a centralised support team
- Managed user accounts, access rights, and network monitoring tasks across multi-country infrastructure
- Tested and evaluated CRM system developments, ensuring functionality across international deployments
- Owned local IT operations for Czech Republic, coordinating with international teams

Information Technology Support Engineer | Studio Moderna, Prague, Czech Republic

March 2019 - August 2020

- Provided IT support for call centers in Prague and Ostrava, ensuring operational continuity for customer service teams
- Managed IT procurement and related expenses, optimizing hardware and software investments
- Partnered with vendors on CRM enhancements for improved user experience and operational efficiency

PERSONAL PROJECTS

sibyl-aws - AWS Policy Simulation CLI

- Python CLI that simulates SCP, IAM, and RCP policy changes against real CloudTrail data - safely validating permission changes across a multi-account org before they hit production
- Queries CloudTrail across all org regions with per-account caching, enabling fast iterative policy development without repeated API overhead

Kubernetes Homelab

- Personal Kubernetes cluster running production-grade patterns: GitOps with Flux CD, Kustomize for environment management, and SOPS + Age for encrypted secrets committed safely to Git
- Exposed via Cloudflare Tunnel - no public IP, no open ports - mirroring zero-trust network access patterns used in enterprise environments

CERTIFICATIONS

Microsoft Certified: DevOps Engineer Expert (AZ-400)

Microsoft Certified: Azure Administrator Associate (AZ-104)

AWS Certified Solutions Architect – Associate

AWS Partner: Accreditation (Technical)

AWS Partner: Generative AI Essentials (Business)

AWS Well-Architected Proficient

Cognigy.AI Certified Specialist

CCNA Exploration: Network Fundamentals | Cisco

ADDITIONAL INFORMATION

Languages: Czech (Native), English (Professional Working Proficiency)

Work authorization: EU citizen