Adrian Kąkol

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PROFILE

I am a person interested in many fields, but my main focus is IT. I have commercial experience as a Junior Developer working on backend applications in Java within a Spring environment. I am looking forward to gaining my first experience as a Junior DevOps/System Engineer or Python backend engineer with cloud technologies

PROFESSIONAL EXPERIENCE

Junior Developer 10/2020 – 11/2022
Nexio Management Warszawa / Zdalna, Polska

- Developed and maintained software written in Java programming language and Spring ecosystem.
- Analysed of business requirements to find the optimal solution.
- Reviewed and tested existing code to find and fix bugs or optimize performance.
- Developed microservices.
- Deployed web applications on Linux Server.
- Created CI/CD processes for the applications.
- Linux administration(managing docker, users, finding issues).
- Teamwork

IT Administrator 10/2024 – present
A wide range of responsibilities, including: Warszawa

- Conducting risk analysis
- Creating network diagrams and documentation
- Administering Microsoft 365 and Active Directory
- Administering Azure ad

SKILLS

- Web Development(Java, Spring, Spring Boot, SQL)
- Python
- SQL
- CI/CD
- Linux
- Azure
- GitLab
- IAAC
- Containerization(Docker, Kubernetes)

CERTIFICATES

Certified Kubernetes Administrator
Certification ID: LF-kn3i3sntp4

AZ-104 Azure Administrator
Certification ID: 1V2625-7AE57C

AWS Certified Solutions Architect - Associate
Certification ID: 7be7d8d6f7a94892ae6d96f541ac2754

AZ-500 Associate Security Engineer
Certification ID: 690252-7FF4RC

AZ 900-Azure Fundamentals
1A82F2-4B5C36

LANGUAGES

English
B2

EDUCATION

CKU Siedlce, Poland
High School

Cybersecurity 2023 – 2026
Akademia Ekonomiczno-Humanistyczna w Warszawie Warsaw, Poland
external studies

PROJECTS

Spring PetClinic-On-Cloud
https://github.com/ardas0002/Spring-PetClinic-On-Cloud
This project deploys the Spring Pet Clinic application on AWS using Terraform for infrastructure automation, focusing on high availability, scalability, and security. The application runs on EC2 instances managed by an Auto Scaling Group, which scales based on traffic. These instances are distributed across two Availability Zones for fault tolerance.
An Application Load Balancer (ALB) evenly distributes traffic, while the backend database is managed by Amazon RDS in a multi-AZ configuration for high availability. Database credentials are securely stored using AWS Secrets Manager. Terraform, as the Infrastructure as Code (IaC) tool, ensures consistent, version-controlled deployments. AWS IAM roles, security groups, and CloudWatch monitoring provide secure access and performance insights, following AWS best practices for a resilient, scalable environment.