Artem Kuznetsov

Backend Engineer | DevOps

+420-776-757-913 | artyom.20century@gmail.com | linkedin.com/in/artem-rader | github.com/DarkRader

EDUCATION

Faculty of Information Technology CTU in Prague   Prague, Czech Republic
BA Software Engineer   *Sep. 2021 – July 2025*

EXPERIENCE

DevOps Engineer   Mar. 2025 – Present
Technology Agency of the Czech Republic
- Maintain and monitor production and staging environments on **Google Cloud Platform (GCP)** using **Kubernetes (GKE)** and internal monitoring tools
- Develop and maintain **GitLab CI/CD pipelines** with Python-based automation scripts for deployments, environment synchronization, and configuration validation
- Contribute to infrastructure-as-code (**Pulumi**) repositories defining **IAM policies**, **GKE resources**, and deployment configurations
- Design and deploy **FastAPI** microservice for document format conversion using **Pandoc** and **Asciidoctor**

Backend and DevOps Engineer   Jan. 2024 – Present
Student Club Buben, CTU Student Union
- Design and maintain the club's IT infrastructure on **Proxmox**, deploying and managing open-source applications
- Configure reverse proxy (**Traefik**) with OpenID Connect authentication, SSL certificates, and routing
- Collaborate in a team on integrating **REST** APIs (**FastAPI**, **PostgreSQL**, **SQLAlchemy**, **Alembic**) with the frontend
- Integrate **Keycloak** for auth (**OIDC**, **JWT**), and **Google Calendar** for scheduling
- Develop and manage **GitHub Actions** pipelines for testing, tagging, and publishing images to Docker Hub
- Enforce code quality standards with **mypy**, **ruff**, and **pytest**, and conduct peer code reviews

PROJECTS

BUK Reservation System (Android)   May 2024 – June 2025
- Developed an Android application for managing and creating room reservations (**Jetpack Compose** for UI, **RoomDB** for local data storage, **Retrofit** with Kotlin Serialization for API communication, and **Koin** for dependency injection)
- Designed a clean **MVVM** architecture separating UI, domain, and data layers for scalability and maintainability
- Integrated **Firebase** Analytics and Crashlytics for monitoring and debugging

Sword Rental   Nov. 2021 – Jan. 2022
- Develop a full-stack web application for managing rental contracts between users and swords using **Spring Boot** and **Thymeleaf**
- Designed and implemented **RESTful** backend with multiple core entities and notification watchdog
- Containerized the application with **Docker** for local deployment and testing

TECHNICAL SKILLS

Languages: Python, Java/Kotlin, Swift, C/C++, HTML/CSS
Frameworks: FastAPI, Spring Boot, Jetpack Compose, SwiftUI
Databases: PostgreSQL, SQLite, RoomDB, Redis
Version control: Git (GitLab, GitHub)
Developer Tools: CI/CD, Docker, Kubernetes, Google Cloud Platform, ArgoCD, Pulumi, Dapr
Natural Languages: Czech, English, Russian