

Jakub Nenczak

Cloud-Native Backend & DevOps Engineer

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Professional Summary

Cloud-native engineer with a strong foundation in backend development, DevOps, and Kubernetes orchestration. Certified Kubernetes Administrator (CKA) experienced in designing scalable, production-ready systems, automating CI/CD pipelines, and deploying AI-enabled applications. Passionate about cloud architecture, distributed systems, and reliable automation. Fluent in English, Polish, and French, and comfortable working in remote, globally distributed teams.

Experience

- ❖ K02 s.r.l. | DevOps & Backend Engineer | Nov 2024 – Nov 2025
 - Built a scalable veterinary diagnostics platform using Flutter and modular backend architecture.
 - Automated deployments using GitHub Actions CI/CD and Dockerized environments.
 - Improved cloud readiness through Kubernetes-based workloads and Infrastructure as Code (IaC).
 - Collaborated with cross-functional teams to align design decisions with scalability and reliability goals.
- ❖ Independent Developer | Freelance & Personal Work | Jan 2020 – Present
 - MunchMosaic – AI-Powered Recipe Discovery Platform
 - Designed and deployed a cloud-native full-stack app integrating image recognition and NLP models (LLaVA + Qwen).
 - Managed Kubernetes-based deployments (K3S) and infrastructure on GCP Compute.
 - Automated build and release pipelines using GitHub Actions and Docker.
 - Hitspot – Social Media Platform for Travelers:
 - Built a Flutter-based mobile app with Supabase and Firebase backends.
 - Architected modular backend data flows and integrated edge functions for real-time updates.

Education

- ❖ Wrocław University of Science and Technology, Poland
 - B.S. in Automatic Control and Robotics | Oct 2025 – Feb 2029
- ❖ 42 Roma Luiss, Italy
 - RNCP Level 7, Expert en Architecture Informatique | Sep 2023 – Oct 2026
- ❖ Gdańsk University of Technology, Poland
 - B.S. in Computer Science | Oct 2022 – Sep 2023

Technical Skills

- ❖ Languages: Python, Dart, JavaScript, Bash, Java, C/C++
- ❖ Cloud & DevOps: Kubernetes (K3S, Helm), Docker, Terraform (learning), GitHub Actions (CI/CD), GCP Compute, Supabase Edge Functions
- ❖ Frameworks & Tools: Flutter, Firebase, Supabase, Docker Compose
- ❖ AI & ML: OpenAI API, Ollama, LLaVA, Qwen (LLM integration)
- ❖ Certifications: Certified Kubernetes Administrator (CKA) – Linux Foundation, 2025
- ❖ Languages (spoken): English (Fluent), Polish (Native), French (Advanced), Italian (Intermediate)

Certifications

- ❖ Certified Kubernetes Administrator (CKA) – Linux Foundation, 2025
- ❖ (In Progress) AWS Certified Solutions Architect – Associate