Jan Kasper

I build secure, high-performance backend and cloud solutions for complex business needs.

jan.kasper@gmail.com
github.com/jannkasper
gitlab.com/jan.kasper
jankasper.com

Relevant Experience

Tech Lead, **P&T Software House**   Jan 2025 — Present
Senior Engineer   Jan 2023 — Dec 2024
Java Developer   Nov 2021 — Dec 2022

- Architected and delivered a secure, encrypted whistleblowing platform, ensuring EU compliance and robust data protection with ISO 27001 standards.
- Led migration and optimization of AI-driven telephony systems, scaling to thousands of concurrent connections and enhancing speech processing with event-driven microservices (Kafka, Redis Streams).
- Designed a scalable cross-platform social app (Flutter, Dart, TypeScript), building backend APIs and automating CI/CD for rapid, reliable deployments.
- Built real-time monitoring and observability (Prometheus, Grafana, OpenTelemetry), strengthening reliability across SaaS products.
- Automated cloud infrastructure (Terraform, Kubernetes, GitLab CI/CD), streamlining deployments and accelerating release cycles.
- Drove UX/UI overhauls and accessibility upgrades (Vue.js, WCAG), broadening reach and improving user experience.
- Mentored and led engineering teams, promoting code quality, agile practices, and knowledge sharing.
- Developed and refactored high-availability microservices (Spring Boot, Java, PostgreSQL, Kafka, RabbitMQ), optimizing uptime and system performance.
- Collaborated with stakeholders to turn complex requirements into scalable, production-ready solutions, consistently delivering key features on schedule.

Java Engineer, **Keylane BV**   Jun 2021 — Oct 2021
Junior Java Engineer   Jan 2020 — Jun 2021
Intern   Sept 2019 — Dec 2019

- Delivered backend solutions for a core insurance SaaS platform used by major European insurers, contributing to €92M+ in annual revenue
- Built and maintained scalable APIs (REST & GraphQL) using Java 11, Kotlin, and Spring Boot, improving system integration and data accessibility
- Collaborated in agile squads to translate business requirements into technical designs and production-ready features
- Analyzed epics and user stories to design backend services and support application scalability, reliability, and performance
- Partnered with QA and stakeholders for testing, feedback loops, and post-deployment support, ensuring smooth user experience and minimal downtime
- Promoted best practices in code quality, documentation, and architectural alignment within cross-functional teams

Skills

Programming Languages
Java 17, Dart, TypeScript, JavaScript, HTML5, CSS3, SQL, GraphQL, YAML, JSON, Bash, Shell scripting, XML

Libraries & Frameworks
Spring Boot, Spring Security, Spring Cloud, Spring MVC, Hibernate, JPA, OAuth 2.0, OpenID Connect, Jackson, Lombok, Swagger, Hasura, Flutter, Vue.js, React, TailwindCSS, Apache Kafka, RabbitMQ

Tools & Platforms
Google Cloud, Microsoft Azure, Open Telekom Cloud., Docker, Kubernetes, Helm, Terraform, GitHub Actions, GitLab CI/CD, Jenkins, CircleCI, Bitbucket, Jira, Prometheus, Grafana, ELK Stack, Loki

Selected Projects

AI-powered Telephony Platform
Scalable, real-time telephony system with adaptive AI voices, live speech processing. Integrates Twilio, Deepgram, OpenAI, and supports thousands of concurrent users.

EU Whistleblowing Platform
Secure web and voice platform for anonymous reporting, real-time communication, and enterprise compliance.

Education

Poznan University of Technology
Bachelor of Science in Information Science
Master of Science in Architecture Engineering

Certifications
Google Cloud – Professional Cloud Architect (Certified)

Memberships
Mensa International – Member