Filip Sergot

Senior Software Engineer | Platform & Reliability

Contact

- Remote Poland
- www.sergot.pl
- in LinkedIn
- GitHub

Skills

Backend

- Python (FastAPI, Django, Flask, SQLAlchemy, Pytest, MyPy, Asyncio, Pydantic)
- Go (Gin, Echo, GORM, Testify, Ent, Generics)
- Perl (Mojolicious, Dancer, DBI, Moose, Raku, OTRS, CPAN)

DevOps & Cloud

- Docker
- Kubernetes (Helm, Prometheus, Grafana, OpenTelemetry, kubectl, Operators)
- AWS
- Azure
- · Google Cloud
- CI/CD (GitHub Actions, Jenkins, CircleCI)

Databases & Data

- PostgreSQL
- MongoDB
- MySQL
- Redis
- Elasticsearch
- Apache Kafka

Frontend

- React
- Vue.js
- TypeScript
- JavaScript

Experience

Adobe

Senior Software Developer & DevOps Engineer

2024 - Present | Remote, Poland

- Designed and implemented a fully functional, dynamic application load & stress testing framework in Kubernetes using Helm with Alpowered report generation and optimization suggestions
- Designed and implemented alert automation for Adobe Experience Manager (Cloud Service) reducing manual intervention
- Engineered and optimized performance testing pipelines, identifying bottlenecks pre-production
- Drove adoption of SRE best practices across teams, improving reliability and MTTR
- Built real-time observability dashboards in Grafana/Prometheus exposing actionable SLO metrics

Technologies: Python, Azure, Grafana, Prometheus, Helm, Docker, Kubernetes, Go

Zabka NANO

Senior Software Developer

2023 - 2024 | Remote, Poland

- Built Poland's first autonomous convenience store network (https://zabkagroup.com/convenience/nano/) enabling 24/7 staffless shopping
- Architected core FastAPI microservices powering real-time store operations
- Engineered fault-tolerant services achieving 99.9% uptime via recovery automation & proactive monitoring
- Optimized CI/CD in CircleCI & Azure DevOps delivering 3x more frequent, reliable releases
- Handled production on-call, rapidly resolving critical incidents

Technologies: Python, FastAPI, Kubernetes, Azure, CircleCI, Microservices

ZAGENO

Software Developer

2022 - 2022 | Remote, Poland

- Developed high-throughput marketplace microservices with Apache Kafka & FastAPI
- Refactored legacy Django monolith, incrementally migrating to FastAPI & Spring microservices
- Built scalable Python/Scrapy data extraction system automating supplier product ingestion
- Implemented test suites reaching 90%+ coverage, reducing production defects
- Streamlined GitHub Actions workflows enabling continuous deployment

Technologies: Python, Django, FastAPI, Git, GCP, Apache Kafka, Scrapy, GitHub Actions

Tools & Methodologies

- Git (GitHub, Bitbucket, GitLab)
- Agile
- Testing (Unit Testing, Integration Testing, E2E Testing, TDD, BDD, Mocking, Load/Stress Testing)
- System Design (Architecture Patterns, Scalability, High Availability, Fault Tolerance, Performance Optimization)

Projects

SSL Support for Raku (7)

Google Summer of Code project delivering full SSL/TLS support for the Raku ecosystem (OpenSSL integration, certificate verification, secure HTTP client). Adopted across community modules to enable encrypted network communication.

Technologies: Raku, C, OpenSSL, Network Protocols, Security

TibiaCores [2] (7)

Team coordination platform for Tibia MMO: shareable participation rosters, Discord & Google OAuth, anonymous sessions, responsive SPA with real-time interactions. Backend built in Go with PostgreSQL; optimized for fast group planning and event visibility.

Technologies: Go, PostgreSQL, Vue.js, TypeScript

Adzuna

Software Developer

2018 - 2022 | Remote, Poland

- Led delivery of strategic UK government job-search platform with direct stakeholder collaboration
- Designed scalable multi-region data ingestion & processing pipelines
- Implemented robust Jenkins CI/CD enabling multiple daily releases

Technologies: Perl, AWS, Solr, MongoDB, PostgreSQL, Python, Jenkins

Sidnet

Perl Developer

2016 - 2018 | Remote, Poland

- Delivered custom OTRS enterprise extensions improving ticket resolution time 35%
- Designed RESTful APIs integrating 10+ external systems
- Optimized database queries improving application responsiveness
- Refactored legacy codebase reducing technical debt 40% and boosting maintainability

Technologies: Perl, Solr, Dancer, MySQL, REST API, JavaScript, OTRS

Allegro

Software Engineer

2014 - 2016 | Poznań, Poland

- Contributed to Poland's largest e-commerce platform at scale
- Developed responsive React UI components elevating user experience
- Engineered high-performance backend microservices supporting
- Built internal Java/Vue.js support platform reducing ticket resolution time 40%
- Collaborated in architecture sessions delivering scalable, businesscritical features

Technologies: Java, Vue.js, React, Perl, MongoDB, MySQL, Python, Microservices

Summary

Senior Software Engineer (10+ yrs) specializing in cloud-native platforms, performance & reliability automation. Delivered 65% search relevance lift, 99.9% uptime, 3x release frequency, 40% faster ticket resolution across enterprise environments (Adobe, Allegro). Builder of load/stress testing frameworks, alert automation, and high-throughput data pipelines. Google Summer of Code alumnus passionate about open source and continuous improvement.

Personal Portfolio Website 🖸 🕠

Modern portfolio (Next.js) with dark mode, motion-enhanced UI, automated PDF resume build pipeline, sitemap generation, and performancefocused SSR/SEO configuration.

Technologies: Next.js, TypeScript, Tailwind CSS, Framer Motion, Puppeteer

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