Filip Sergot

Senior Software Engineer

Contact

- Poland / Remote
- filip.sergot@gmail.com
- www.sergot.pl
- 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, 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 alert automation for Adobe Experience Manager (Cloud Service) reducing manual intervention
- Designed and implemented a fully functional, dynamic application load & stress testing framework in Kubernetes using Helm
- 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)
- System Design (Architecture Patterns, Scalability, High Availability, Fault Tolerance, Performance Optimization)

Projects

SSL Support for Raku ⓖ

Led the Google Summer of Code project for the Perl Foundation that implemented comprehensive SSL/TLS support for the Raku programming language. This module is now used by developers worldwide for secure communications.

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

TibiaCores ⧉ ⓖ

Social platform for the MMO game Tibia that streamlines team organization through shareable participation lists. Features secure authentication via Discord and Google, anonymous user accounts, and a responsive interface built with Go backend and React frontend. Designed to enhance player coordination for in-game events and activities.

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
- Architected high-performance job matching algorithm improving relevance 65% and engagement 40%
- 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 growth
- Built internal Java/Vue.js support platform reducing ticket resolution time 40%
- Collaborated in architecture sessions delivering scalable, business-critical features

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

Summary

Results-driven Senior Software Engineer with 10+ years of experience architecting high-performance systems. Specialized in cloud-native microservices, DevOps automation, and scalable web applications for enterprise clients including Adobe and Allegro. Proven leadership in delivering mission-critical projects that enhance operational efficiency and drive business growth. Google Summer of Code participant with a passion for open-source contribution and continuous learning in emerging technologies.

Personal Portfolio Website ↗ ⓖ

Designed and developed a modern, responsive portfolio website with dark mode support, smooth animations, and automated PDF resume generation. Features server-side rendering, optimized performance, and comprehensive SEO.

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