Filip Sergot

Senior Software Engineer

Contact

- Poland / Remote
- ▼ filip.sergot@gmail.com
- 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, kubectl, Operators)
- AWS
- Azure
- · Google Cloud
- CI/CD (GitHub Actions, Jenkins, CircleCI)

Databases & Data

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

Frontend

- React
- Vue.is
- 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)
- System Design (Architecture Patterns, Scalability, High Availability, Fault Tolerance, Performance Optimization)

Projects

SSL Support for Raku (7)

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 ingame 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
- 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

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 serverside rendering, optimized performance, and comprehensive SEO.

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

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