

Wojciech Sokołowski

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EXPERIENCE

rift	Remote
Senior Backend Engineer	Mar. 2023 - now
Scheduling	<i>Go, React</i>
Providing platform core - scheduling algorithm	
Working as full-stack: frontend, backend and ops	
Platform	<i>Go, React</i>
Providing limits-friendly integrations with Hubspot/Salesforce/Zapier	
Provide app deployment in GKE cluster	
Setup Caddy as custom loadbalancer	
Smallpdf	Remote
Senior Backend Engineer	Feb. 2022 - Mar. 2023
eSign tool	<i>Go</i>
Introducing Golang best practices	
Providing eventsourcing based service	
Introducing Datadog tracing and service monitoring	
IQVIA	Remote
Software Developer	Jun. 2021 - Jul. 2021
NDA	<i>Go</i>
Fixing golang repositories	
Adding coding standards with golangci-lint in gitlab pipelines	
Working on elasticsearch based service	
Doing security upgrades	
Introducing application monitoring	
Nomtek	Remote/Wrocław, Poland
Software Developer	Oct. 2019 - Jun. 2021
NDA	<i>Go, Java, Python</i>
Develop Golang : REST APIs, data processors, job scripts, mobile push service	<i>Bash, Chef, Terraform</i>
Develop Java : data importer, REST APIs	
Develop Python : data logs analyzer/processor based on Datadog API	
Using AWS services : Lambda, EC2 boxes, Fargate, Batch, SNS, SQS, S3	<i>AWS</i>
Integrating login with Apple in Golang service	
Maintain Scylla cluster	<i>Scylla, MySQL</i>
Improve monitoring (tracing, logging, metrics, alerts)	<i>DataDog</i>
Maintain stack with Chef and infrastructure with Terraform	
Improve database indexes and queries with performance upgrades of 4x	
Provide on-call service	
Work in multi-timezone/multicultural environment	

Opera Software AS
Software Developer

Remote/Wrocław, Poland
Jun. 2018 - Oct. 2019

VPN

Go, Python

Develop **Golang**: security and performance patches to VPN, caching library
Develop **Python**: deployment tools
Investigating security/performance/networking incidents
Doing system and cluster upgrades with service 0-downtime
Data analyzing and improving Linux system/network performance
Maintain Docker swarm cluster

Docker, Ansible
Docker Swarm

Monitoring and alerting system

Bash

Bootstrap Prometheus based alert system for company services
Providing CI/CD gitlab integration for deployment in multiple environments
Integrating monitoring with company services
Tutoring other employees on alert creations

Docker, Ansible
Grafana
Prometheus, Alertmanager

Intel Corporation

Software Developer Intern in Cloud Computing

Gdańsk, Poland
Jul. 2017 - Sep. 2017

Dmidecode plugin

Go

Develop **Golang**: dmidecode plugin based on dmidecode tool

Snap metric catalog

Python

Develop **Python**: Github repos parser and data processor
Leading a 3-person project

Docker

Snap Telemetry

Python, Go, Bash
Docker

Develop **Golang**: integration and unit tests, patching bugs
Testing plugins on various Linux distributions

PROJECTS

AI MMA

Service with ML predictions for MMA fights

*React, Go
Fly.io*

SmallPAF (Planning Async Format)

Tool for async ticket estimations

*React, Go
Fly.io*

Hearing app

Simple tool that helps verify frequency range of hearing

*React
Fly.io*

Chess.com updater

Simple service with users live stats for OBS usage

*HTML, jQuery
Heroku*

Wagapp

Web app for car weight

Project hosted on Cloud Run

Simple CRUD, integrated with przelewy24.pl and Auth0

*React, Go
PostgresDB
Docker compose
GCP*

Temperature monitoring system

Wireless temperature monitoring with Raspberry Pi and ESP8266+BME280

Prometheus with Pushgateway as main services

*C
Prometheus, Grafana
Docker compose, Ansible*

Simple imperative language compilers

University project of compiler that generates machine code

First that I created was 4th in terms of performance on the yearbook

Wrote already 4 of them for different specifications

C, Flex, Bison

LANGUAGES

- **English:** intermediate
- **Polish:** native

EDUCATION

Wrocław University of Science and Technology

2014 – 2018

Bachelor of Engineering in Computer Science

Faculty of Fundamental Problems of Technology

Thesis topic: *Position Based Messenger*

Java, NodeJS, Express, MongoDB

SUMMARY

Favourite languages: *C, Golang, Prolog, Python* (in descending order). Used to program almost everything in *C* while studying. Daily using VS Code + Windows (WSL2), previously Ubuntu user (14.04-20.04). Love to have consistency across stacks and up-to-date systems. In free time playing Chess solving algorithm problems on Codeforces (previously Codewars and Hackerrank).

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.