

# Wojciech Sokołowski

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## EXPERIENCE

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

**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

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### 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 4<sup>th</sup> in terms of performance on the yearbook

Wrote already 4 of them for different specifications

*C, Flex, Bison*

## LANGUAGES

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

## EDUCATION

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### **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

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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.