

# Wojciech Sokołowski

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## EXPERIENCE

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### IQVIA

Software Developer

Remote  
Jun. 2021 - Jul. 2021

### NDA

Fixing golang repositories  
Adding coding standards with golanci-lint in gitlab pipelines  
Working on elasticsearch based service  
Doing security upgrades  
Introducing application monitoring

*Go*

### Nomtek

Software Developer

Remote/Wrocław, Poland  
Oct. 2019 - Jun. 2021

### NDA

Develop **Golang**: REST APIs, data processors, job scripts, mobile push service  
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  
Integrating login with Apple in Golang service  
Maintain Scylla cluster  
Improve monitoring (tracing, logging, metrics, alerts)  
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

*Go, Java, Python  
Bash, Chef, Terraform*

*AWS*

*Scylla, MySQL  
DataDog*

### Opera Software AS

Software Developer

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

### VPN

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

*Go, Python*

*Docker, Ansible  
Docker Swarm*

### Monitoring and alerting system

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

*Bash  
Docker, Ansible  
Grafana  
Prometheus, Alertmanager*

## Intel Corporation

Software Developer Intern in Cloud Computing

Gdańsk, Poland  
Jul. 2017 - Sep. 2017

### Dmidecode plugin

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

*Go*

### Snap metric catalog

Develop **Python**: Github repos parser and data processor

Leading a 3-person project

*Python*

*Docker*

### Snap Telemetry

Develop **Golang**: integration and unit tests, patching bugs

Testing plugins on various Linux distributions

*Python, Go, Bash*

*Docker*

## PROJECTS

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### 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

Bachelor of Engineering in Computer Science

Faculty of Fundamental Problems of Technology

Thesis topic: *Position Based Messenger*

2014 – 2018

*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).

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