Wojciech Sokołowski

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EXPERIENCE

Smallpdf	Remote
Senior Backend Engineer	Feb. 2022 - now

eSign tool *Go*
Introducing Golang best practices
Providing eventsourcing based service
Introducing Datadog tracing and service monitoring

IQVIA	Remote
Software Developer	Jun. 2021 - Jul. 2021

NDA *Go*
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 *Go, Java, Python*
Develop **Golang**: REST APIs, data processors, job scripts, mobile push service *Bash, Chef, Terraform*
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 *AWS*
Integrating login with Apple in Golang service
Maintain Scylla cluster *Scylla, MySQL*
Improve monitoring (tracing, logging, metrics, alerts) *DataDog*
Maintain stack with **Chef** and infrastracture 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 — Remote/Wrocław, Poland
Software Developer — 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 — *Docker, Ansible*
Doing system and cluster upgrades with service 0-downtime — *Docker Swarm*
Data analyzing and improving Linux system/network performance
Maintain Docker swarm cluster

Monitoring and alerting system — *Bash*
Bootstrap Prometheus based alert system for company services — *Docker, Ansible*
Providing CI/CD gitlab integration for deployment in multiple enviroments — *Grafana*
Integrating monitoring with company services — *Prometheus, Alertmanager*
Tutoring other employees on alert creations

Intel Corporation — Gdańsk, Poland
Software Developer Intern in Cloud Computing — 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*
Develop **Golang**: integration and unit tests, patching bugs — *Docker*
Testing plugins on various Linux distributions

Projects

Chess.com updater — *HTML,jQuery*
Simple service with users live stats for OBS usage — *Heroku*

Wagapp — *React, Go*
Web app for car weight — *PostgresDB*
Project hosted on Cloud Run — *Docker compose*
Simple CRUD, integrated with przelewy24.pl and Auth0 — *GCP*

Temperature monitoring system — *C*
Wireless temperature monitoring with Raspberry Pi and ESP8266+BME280 — *Prometheus, Grafana*
Prometheus with Pushgateway as main services — *Docker compose, Ansible*

Simple imperative language compilers — *C, Flex, Bison*
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

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).