

WOJCIECH SOKOŁOWSKI

solutions engineer

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EXPERIENCE

All in one

epole.farm

⌚ Sep. 2024 - Present

📍 Zębowice, Poland

Farm management – Go, React

- Creating web app for farm management from scratch as a free to use platform

Farmer

Family farming

⌚ Jun. 2010 - Present

📍 Zębowice, Poland

Crop production – integrated production

- Starting Integrated Production in crops
- Using modern technologies in farming
- Operating agricultural machinery

Senior Backend Engineer

rift

⌚ Mar. 2023 - Sep. 2024

📍 Remote

Scheduling – Go, React

- Providing platform core - scheduling algorithm
- Working as full-stack: frontend, backend and ops

Platform – Go, React

- Providing limits-friendly integrations with Hubspot/Salesforce/Zapier
- Provide app deployment in GKE cluster
- Setup Caddy as custom loadbalancer with automatic SSL

Senior Backend Engineer

Smallpdf

⌚ Feb. 2022 - Mar. 2023

📍 Remote

eSign tool – Go

- Introducing Golang best practices
- Providing eventsourcing based service
- Introducing DataDog tracing and service monitoring

Software Developer

IQVIA

⌚ Jun. 2021 - Jul. 2021

📍 Remote

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

SUMMARY

Favourite languages: Golang, C, Prolog, Python (in descending order).

Daily using VS Code + Windows (WSL2), previously Ubuntu user (14.04-20.04).

Love to have consistency across stacks and up-to-date systems.

Enjoy working on both backend and frontend. Interested in distributed systems and performance optimization.

Passionate about farming and modern agriculture technologies.

EDUCATION

Agricultural qualifications

Centrum Kształcenia Rolniczego w Mokrzeszowie

⌚ 2019 - 2020

Bachelor of Engineering in Computer Science

Wrocław University of Science and Technology

⌚ 2014 - 2018

- Thesis: Position Based Messenger

LANGUAGES

English: intermediate

Polish: native

Software Developer

Nomtek

□ Oct. 2019 - Jun. 2021

📍 Remote/Wrocław, Poland

NDA – Go, Java, Python, Bash, Chef, Terraform

- 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

Software Developer

Opera Software AS

□ Jun. 2018 - Oct. 2019

📍 Remote/Wrocław, Poland

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

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

Software Developer Intern in Cloud Computing

Intel Corporation

□ Jul. 2017 - Sep. 2017

📍 Gdańsk, Poland

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

Snap Telemetry – Python, Go, Bash

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

PROJECTS

GoRetro – Go, React

Simple agile sprint retrospective. Built to be used with oauth proxy.

GoPress – Go

Lightweight WordPress alternative. Supports markdown files as input and HTML templates. Created for personal usage to generate this website.

AI MMA – React, Go

Service with ML predictions for MMA fights. Co-created with Data Scientists

SmallPAF (Planning Async Format) – React, Go

Tool for async ticket estimations

Hearing app – React

Simple tool that helps verify frequency range of hearing

Chess.com updater – HTML, jQuery

Simple service with users live stats for OBS usage

Wagapp – React, Go

Web app for car weight. Simple CRUD, integrated with przelew24.pl and Auth0

Temperature monitoring system – C

Wireless temperature monitoring with Raspberry Pi and ESP8266+BME280. Prometheus with Pushgateway as main services

Simple imperative language compilers – C, Flex, Bison

University project of compiler that generates machine code. First created was 4th in terms of performance on the yearbook. Wrote already 4 of them based on different specifications

Bitlyke – Go

Bit.ly like URL shortener.

SlackUp – Go

Slack report generator. Generates daily reports with random work and progress.

Discord bot – Python

Python bot for spamming random google search images when using keywords.

JH – Go

JQ like CLI tool for HTML except JSON. Crafted for personal usage.