WOJCIECH SOKOŁOWSKI

solutions engineer

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 Armatorix   armatorix   Armatorix   ☰ stackoverflow.com   </> hackerrank.com
</> codewars.com   thingiverse.com

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

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Farmer
Family farming

📅 Jun. 2010 - Present   ⚲ Zębowice, Poland

Crop production – *integrated production*
- Staring 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 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 przelewy24.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.