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, cloud computing, databases, networking and system programming.
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.