

# YURIY VOZNYAK

Software Engineer

## + PROFILE

Talented software engineer with 3 years of professional experience building web applications.

Expertise in coding, troubleshooting and debugging in Python, Golang, JavaScript. I'm responsible, self-motivated, opened for new skills, active team player. Also, I have such skills as accuracy and attention to details, tolerant to stressed situations.

## + WORK EXPERIENCE

### GlobalLogic Software Engineer

January 2017 - now | Lviv, Ukraine

- Support and new features development for advertising data reporting application written in **Golang** and **Python**
- Implementing web portal for IoT platform with main focus on energy consumption using **React/Redux** and **Django REST Framework**
- Implementing microservices in **Golang** for handling large amount (>800 events/sec) of analytics data
- Setting up infrastructure for microservices in **Joyent Cloud** using **Docker**, **Docker Compose**
- Load balancing, cluster management, monitoring services with **Openresty**, **Prometheus**, **Grafana**

## + PROJECTS

### Advertising data reporting tool

Golang, Python 2/3, gRPC, CloudSQL (Postgres), Kubernetes, GCP

- Adapt existing product to work with the new APIs
- Reduced performance issues and made applications more reliable and stable
- Moved project to **Python 3** implemented various improvements of existing codebase and bugfixing

### Energy in Schools

Python 3, DRF, Celery, PostgreSQL, React/Redux, React Material UI, AWS

- Implemented REST API using **Django REST Framework**
- Used **Celery** jobs to fetch energy consumption data from different energy providers
- Integrated with big IoT platform to control different smart devices at schools
- Implemented new features in a framework for creating programming experiences for beginners

### Data Pipeline

Golang, Gin, Ginkgo/Gomega, Glide, Docker, AWS

- Concurrent processing events received from client devices and publishing them in different BI tools
- Implemented service metrics for better monitoring
- Various improvements of existing codebase and bugfixing

### CloudCMS

Python 2, Openresty, Docker, Docker Compose, PHP 7.0, Lua, Joyent Cloud

- Split monolith application to smaller services, running in Docker
- Implemented logic for load balancing, cluster managing and monitoring
- Created custom **Laravel ORM** for **Cassandra**

## + CONTACT

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## + LANGUAGES

Python

Golang

JavaScript

## + FRAMEWORKS

Django REST Framework, Flask, gRPC, Gin, React, Redux, Ginkgo/Gomega, Falcon, Locust

## + DATABASES

PostgreSQL/Redshift, Apache Cassandra, Redis

## + TOOLS

AWS (Redshift, S3, Lambda, EC2, SQS, CloudFront, CloudWatch, Beanstalk), GCP (Kubernetes Engine, Cloud SQL, BigQuery, Pub/Sub, Cloud Scheduler, Storage, Cloud functions), Joyent Cloud (Joyent Docker, Manta), Docker, Docker Compose, Grafana, Prometheus, Nginx (Openresty), JIRA, UML, Unix, Git

## + INTERESTS

I **learn** about web and new technologies.

I **dominate** in ping pong.

I **love** watching films, traveling and listening music.

## + EDUCATION

**Lviv Polytechnic National University**

Master of Software Engineering  
Sep 2014 - Dec 2019