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**Online profiles**  
Blog: [bunyk.github.io](http://bunyk.github.io)  
[github.com/bunyk](https://github.com/bunyk)  
LinkedIn: Taras Bunyk  
StackOverflow: bunyk

**Languages**  
English - B2  
German - A2  
Ukrainian - native

**Core skills**  
Python  
JavaScript  
Go  
Linux  
SQL

**Worked with**  
React Docker  
Kubernetes  
Flask  
SqlAlchemy  
Git  
AWS  
GCP  
InfluxDB  
AngularJS  
HTML5  
jQuery  
PowerShell  
Pylons  
Mercurial  
SNMP

**Played with**  
Scala  
Elm  
VimScript  
L<sup>A</sup>T<sub>E</sub>X  
MediaWiki  
Lisp  
C, C++

# Taras Bunyk

## Software Engineer

Python JavaScript and Go developer with over 10 years of experience, mostly with web. Have broad range of skills and passion for solving problems of others, learning, and sharing learned knowledge.

## Experience

### Nov 2019 - present, *Go developer, Zalando*

- Building and maintaining software to automate creation of content for E-commerce website. Implementing Figma designs in UI. Building and documenting APIs in backend. Proposing, discussing and documenting architectural changes. Participating in 24/7 shifts. Improving quality through monitoring, testing, linting, and code reviews. Fixing bugs found by users, finding bugs myself. Technologies: Go, PostgreSQL, React, Kubernetes, Nakadi (Kafka).
- Promoting tests that cover not only Go, but SQL code. Tutorial on that: [http://bunyk.github.io/posts/testcontainers\\_go](http://bunyk.github.io/posts/testcontainers_go).

### Aug 2017 - Oct 2019, *Python & Go developer, GlobalLogic*

- Developed data processing pipeline consisting of microservices written in Go. Technologies: Gin, Ginkgo/Gomega, AWS SDK for Go, AWS SQS, AWS Lambda, Amazon Redshift, InfluxDB, Grafana. Created generative grammar for JSON objects which removed need for boilerplate in unittest code and halved code size.
- Developed microservices for report generation in Python. Optimized page load time with WebSockets & HTTP2: <http://bunyk.github.io/posts/http2-vs-websockets>. Technologies: Python, Sanic, Gino, OpenAPI, JSON Schema, PostgreSQL, Docker, docker-compose, Kubernetes, Keycloak.
- Developed ETL pipeline on GCP using Airflow, App Engine and BigQuery.

### Feb 2016 - Jun 2017, *front-end developer, ProofPilot*

- Developed app for clinical trials. Technologies: AngularJS, HTML5, ES6, Progressive web apps, REST, gulp, webpack, Docker, Selenium (Protractor).

### Feb 2013 - Jun 2016, *Python developer, SoftServe*

- Developed plugins for Zenoss monitoring platform: Technologies: Twisted, Zope Component Architecture, Ext.js, D3.js, SNMP, PowerShell, MySQL, Amazon AWS, boto, CentOS. My article about Zope(<https://bunyk.wordpress.com/2014/12/13/zca/>) was still used for onboarding new team members 4 years after it was written there.
- Developed UI for image ML application. Technologies: Flask, jQuery, SQLite, Fabric, supervisord, Nginx, Amazon EC2.

### Aug 2011 - Dec 2012, *junior Python developer, Prom.ua*

- Implemented billing, automation of ad campaign setup, site internal context advertising system, client database search, email marketing functionality, functional testing framework. Technologies: Pylons, SQLAlchemy, PostgreSQL, WTForms, Celery, jQuery, Mercurial.

# Education

## MOOCs

- 2015 Introduction to Systems Engineering
- 2014 Functional Programming Principles in Scala, statement of accomplishment with distinction

## Taras Shevchenko National University of Kyiv

- Sep 2007 - Jun 2011 Bachelor degree in Computer Science
- Sep 2011 - May 2012 Specialist degree in Computer Science

## Other

- I love to program for fun. Some of my favourite pet-projects are:
  - A rhythm game to learn to play recorder, in a way similar to Guitar Hero or Synthesia: <https://github.com/bunyk/fasolasi>
  - Simulator for Digital Circuits on a infinite circuit board: <https://github.com/bunyk/simDC>
  - A minimalistic touch-typing training program: <https://github.com/bunyk/gokeybr>
- I own a bot account on Ukrainian Wikipedia with over 100 000 automated edits.
- Participated in Wikimedia hackaton 2017, Garage 48 hackaton 2015.
- In the past I spoke at local Python conferences, mentor at Django Girls, taught 3 month Python course for high school students.