

Dovydas Gulbinas

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A software engineer with fullstack & DevOps tendencies. Looking for a position in an English speaking team/company. I have recently arrived to Copenhagen Denmark.

EXPERIENCE

Back-end Engineer - Moment Credit (Apr 2017 - Present):

Made & deployed multiple applications using (Django/Django Rest frameworks, unittest, Oracle SQL). My notable contributions were:

- Designed & built and automated passport/ID scanner & text recognizer (Django). It saved hours of manual work in our company since prior to this project all passport/ID entries were done manually. The challenging part was to learn Computer Vision/OpenCV4 fundamentals in less than 1 week. Additionally I had to learn text recognition (Tesseract) in only a couple of days.
- Initiated & built a system for controlling/limiting access to sensitive web portals (Django). This project required me to learn and understand multiple new things in depth (OpenLDAP, client-side/server-side x509 certificates and their creation). In order to consolidate my knowledge and learn better I even wrote a [blog post](#) about it in my free time. Additionally I had to deploy this project (on multiple machines) so I spent a few days learning [Fabric 1.X framework](#).

Odoo Framework ERP Developer - Digitouch (Oct 2016 - Apr 2017, Vilnius):

Wrote custom Enterprise Resource Planning **ERP** modules used for accounting & other business operations. Most impactful project:

- A module (Odoo framework) that would crunch large number of invoices and compute a summary that was later submitted to our local tax authority. This project proved to be extremely lucrative because it was sold to multiple clients & it saved more than 4 hours of accountant's labor time every month. The most challenging part was to optimise the module to run with large number of invoices.

Back-end Engineer - IT Girnos (Apr 2016 - Oct 2016, Vilnius):

Wrote and designed multiple API endpoints (Flask). Had a few front-end related tasks (Angular JS). Utmost project:

- Web to Short Message Service **SMS** application (Flask). The most challenging part was to self-teach and implement SMS (SMPP 1.4) protocol since SMS was sent directly through the mobile operator's infrastructure. I have managed build a proof of concept in only around 1 week.

Hardware Tooling Suite Engineer - WiliBox (Sep 2015 - Feb 2016, Vilnius):

Built various tooling in Python for WiFi Router board calibrations. Wrote multiple GUI testing tools using (Tkinter, Numpy). Took initiative & integrated few tools for remote access and control in our company's testing laboratory.

TECHNICAL EXPERIENCE

Programming Languages

- **Python:** The language I have most experience with. I always strive to write code that is: clean, readable & unit tested. I am constantly learning new things that each version of Python delivers: type annotations, generators, itertools, async/await functionality etc. To keep myself up to speed I enjoy listening to: [Podcast.init](#) & [Talk Python To Me](#) podcasts while commuting.
- **JavaScript:** A language I started using and learning about more & more. I have wrote several JS bookmark applets. For front-end my favorite framework is **vue.js** also **React.js** and **Angular.js** are nice.
- **Bash:** Second most often used language in my daily career since I had to do deployment on my own. I try to stick to command line tools thus bash is a must. For this I have wrote my own config [installer/manager](#)
- Other knowledge of **Git & GitFlow, Java, PHP, SQL, C/C++**

Projects

- [Bandcamp MusicBrainz Tool \(Project\)](#): A basic tool for making MusicBrainz entries easier.
 - [Decluterfy for Spotify](#): Machine learning tool that is used for sorting large music playlists on Spotify platform.
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OTHER TECHNICAL EXPERIENCE

- **Docker:** Proficient. Wrote multiple "production-ready" containers for: OpenLDAP, Kerberos, LAMP stack and others
 - **Apache & NGINX:** Proficient. Configured multiple web servers and reverse proxies for various projects additionally used NGINX as a load balancer in round-robin fashion.
 - **Linux:** Competent. I know how to manage services using **systemd** wrote multiple services and timers for it. Basic knowledge of Linux networking & **iptables** utility.
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EDUCATION

OTHER SKILLS & HOBBIES

- Servers and home automation
- Electronics & Hardware
- Languages: English (CEFR C1), Lithuanian