

Senior Python Developer 234061

Developer with 6 years of professional experience mainly with Python, Java and C/C++, who was involved into a lot of DevOps tasks.

PROFESSIONAL BACKGROUND

10/2022 - Present

IT Services and IT Consulting | Senior DevOps Engineer

- ❖ My task is mainly to rationalize and refactor the existing build and deploy processes of the products of the company, which run at multiple cloud environment (Azure, Google Cloud) and on bare metal as well.

12/2021 - 10/2022

Financial Services | Developer Consultant

- ❖ I participate in a project that aims to migrate a database from a company to its subsidiary and create a web application based on that db. I work mainly on the backend, the main tools we are using are PostgreSQL, Snowflake, Flyway for maintain/migrate the db, the non-db part of backend is running in AWS as a serverless application, it's mainly written in python. As user preferred wrapping CI/CD steps into make targets, in this position I've learned GNU make systematically, and get familiar with the limits of GitHub Actions. On the project we had to set up AWS Lambda, SNS, SQS and networks as well. I was able to get the time, to set up a docker based local build environment for the project.

8/2018 - 12/2021

Healthcare | Senior Developer

- ❖ **Senior Developer:** Since the spring of 2020 I work on a project, that prepares a kind of hardening on the platform we develop and checks whether it meets with the Risk Management Framework standards of Department of Defence or not. I was participating in the development itself, which was implementing checks and fixes of configurations for avoiding vulnerabilities, and applying the security requirements to the existing code.
- ❖ **Developer:** The project that I joined was originally a standalone platform redesigned to server-client architecture with a lot of inherited legacy dependencies. Our goal was to add network features and to increment the size of the working server's cluster, which was practically at most 3 nodes before we started. The relevant modules are written mostly in plain Java and Bash.

8/2016 – 8/2018

IT Services and IT Consulting | Developer

- ❖ We maintained and developed a big, old project written in a special layout language, named ISIS Papyrus, that lacked tools like debugger or unit test frameworks, so I became familiar the methods of debugging only with the manipulation of the source code. Because our tool was not able to integrate unit tests, I have generated test inputs systematically to cover our code basis. To do this and to understand the given test cases, I've written some python scripts. As I started on this project, we have introduced

SVN. To prepare the inputs coming from the invoice and correspondence we had a preprocessor module written in C++ (C++98 + Boost), that I have mainly to read, but there was some fitting as well, that I have had to manage. In this position I had intensive and direct connection with our customer (mainly in German).

COMPETENCIES

- | | |
|--------------|------------------|
| ❖ Python | ❖ Snowflake |
| ❖ Java | ❖ Flyway |
| ❖ C/C++ | ❖ AWS |
| ❖ Boost | ❖ CI/CD |
| ❖ SVN | ❖ GitHub Actions |
| ❖ Bash | ❖ Azure |
| ❖ PostgreSQL | ❖ Google Cloud |

EDUCATION

2009 – 2015 **Eötvös Loránd University, Budapest**
Mathematics BSc, specialized on pure mathematics

Language knowledge: **English** (Intermediate level)
German (Intermediate level)
Hungarian (Native)