

Jelle Pelgrims

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PROFILE

I am a software engineer with 1.5 years of professional experience encompassing the whole software development pipeline. I primarily focus on the back-end, having completed several major projects covering many aspects of back-end software development, such as provisioning infrastructure, handling cloud migrations and building microservices. Specific areas of competency are software development with Python and Typescript, application deployment using Docker/Kubernetes and infrastructure provisioning on AWS and GCP.

EXPERIENCE

ENPICOM B.V. 's-Hertogenbosch, Netherlands
Medior Solutions Engineer January 2022 - Present

AWS, Kubernetes, Rust, Typescript, Node.js

- Mentored bioinformatics intern
- Built custom platform modifications for individual customers

Junior Software Engineer August 2020 - December 2021

GCP, AWS, Kubernetes, Typescript, Node.js, Bash, PostgreSQL

- Migrated all infrastructure from GCP to AWS, reducing costs by €100,000 (in the form of AWS startup credits)
- Developed a new authentication service using Auth0 in Node.js.
- Improved existing infrastructure by setting up a CDN and upgrading from PostgreSQL 11 to 12.
- Automated Google cloud infrastructure operations, decreasing environment set up and teardown time from 1 working day to 30 minutes. This enabled us to set up new testing environments on demand.

Software Intern Spring 2020

Kubernetes, Typescript, Bash

- Automated moving of existing docker registry from Azure cloud to Google cloud.
- Implemented a kubernetes scheduler for compute jobs in Typescript as part of a prototyping effort.

EXTRACURRICULARS

Atmire NV Leuven, Belgium
Job student Summer 2019

Java, Spring

- Development of existing REST API for the DSpace open source project in Java (8) with Spring.

SoundTalks NV Haasrode, Belgium
Job student Summer 2018

Python, Django, Docker

- Development of a REST API from scratch in Python with Django REST framework and Docker.

EDUCATION

University Colleges Leuven-Limburg Haasrode, Belgium
Bachelor of Applied Information Technology (Ba) 2017 - 2020

- Graduated magna cum laude
- Erasmus program in Finland during 3rd year, 1st semester (Lahti University of Applied Sciences)