

Python Software Engineer

About us

Yazzoom is a high-tech software company based in Ghent, Belgium. We offer AI-based software and R&D services for improving the company processes of our customers. Next to projects where we build custom software solutions for our customers, we have created Yanomaly: an innovative and scalable software for anomaly detection and predictive analytics on machine generated data (<https://www.machine-analytics.com>). Yanomaly currently already monitors hundreds of industrial assets, and we are rapidly expanding the install base of the product.

Our team consists of smart and motivated high-tech professionals with various backgrounds. The past 12 years we have proven to deliver a large added value for our customers. We are now accelerating our rapid expansion and internationalization and are looking for new colleagues that want to grow together with us.

About the job

We are looking for a skilled Python software engineer to complement our software development team working on Yanomaly. You will get to use and program against various state of the art (big-data) technologies including Elastic, Kafka, Docker and Kubernetes. You will come in contact with and be able to explore many interesting state-of-the-art open source libraries and technologies.

In this job, you will use and extend a broad set of software development skills:

- Help build and improve scalable big-data platform for AI-based anomaly detection and predictive modeling on timeseries data
- Combine existing big-data technologies including Elastic, Kafka, Kubernetes and others, into a single backend layer serving a robust REST API
- Help write unit, integration and system level tests in collaboration with our test engineer

Responsibilities

- You will be part of the software team that develops and improves Yanomaly. You will work on the Python back-end built on scalable open-source technologies. You will collaborate closely with the front-end, test and algorithm engineers.
- You will work on the backend infrastructure of the product, ensuring that it is stable, robust and highly performant
- You will build code that efficiently talks to Kubernetes to manage large deployments (hundreds of containers)
- You will help maintain and improve the internal monitoring of Yanomaly based on Prometheus and Grafana
- You will interface with various data sources over various connector pipelines (SQL, Elasticsearch, Kafka, REST APIs, ...)

Your profile

You tick the following boxes:

- Love to build a performant, robust and clean API

- Can help translate the end user's requirements into specifications and software
- Aim to build crisp, maintainable and readable code
- Are passionate about Python
- Have a Bachelor or Master in Computer Science or a similar field
- Speak and write English or Dutch fluently
- Ideally have experience with the following technologies: FastAPI, Traefik, Kafka, Elasticsearch, Docker and Kubernetes.

Our offer

- Yazzoom is an innovative high-tech software and engineering company that helps its customers to push the boundaries of what is possible in terms of (big) data analysis and machine learning. With us, you enter a growing and financially solid company active in the world of constant innovation.
- You will get to work in a team of strong computer science professionals on a variety of challenging projects.
- We provide the opportunity for training and, where appropriate, supervision by experienced engineers. However, we expect you to hit the ground running and start coding from the first week.
- In this job, you will never get bored. This is a job with a lot of variety. We offer the opportunity to grow with the company if you want and fit the requirements.
- We promote communication and permanent learning in an informal, constructive, and no-nonsense corporate culture. Your colleagues are top notch and up to speed with the latest technological trends and so you can learn with and from them.
- With us no rigid organizational structures and decision-making processes, but direct access to the company management and flexible working hours.
- We give a lot of confidence to our employees, and expect them to use it wisely. Therefore, we greatly appreciate taking initiative, passion for the work without neglecting the rest of your life, intelligence, teamwork and integrity.
- We work hard but we also take time to celebrate success and have fun.
- Your motivation, initiative and dedication are rewarded with a competitive remuneration package, with extras such as a company car or free public transport, a wage bonus, contributions to your retirement fund, a large training budget and an attractive travel allowance.

Our location

The main location and base for this job is our office in the Derbystraat in Sint-Denijs-Westrem near Ghent. About 10 minutes from the Sint-Pieters train station by tram or by bike, and a few minutes from the E40 motorway. Occasional travel to our customers is required. Usually one day visits, but sometimes several days in a row.

Call me now for more information or email your resume with a short motivation to:

David Verstraeten
Engineering manager
M: +32 495 63 31 53
E-mail: david.verstraeten@yazzoom.com