

Python Software Engineer

About us

Yazzoom is a high-tech company based in Ghent, Belgium. We offer AI-based software and R&D services for improving the company processes of our customers.

We have created two innovative own software products that are being further expanded:

- a tool suite for virtual sensor creation, deployment and monitoring called Yasense
- a big data software platform for anomaly detection on machine generated data (timeseries and log files) called Yanomaly (<https://www.machine-analytics.com>).

Our team consists of smart and motivated high-tech professionals with various backgrounds. The past 7 years we have proven to deliver a large added value for our customers. We are now ready for a 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 our products. You will get to use various state of the art (big-data) technologies including Elastic, Kafka, Docker and Kubernetes. You will come into contact with many interesting Machine Learning AI libraries and applications. Finally, you will have the opportunity to look behind the scenes of our many industrial customers from various sectors, including (petro-) chemical, paper and pulp, automotive, metallurgy and food-and-beverage.

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

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

Responsibilities

- Build complex and scalable browser-based applications served by a Python backend
- Combine existing open-source technologies into a single platform
- Tune algorithms and data pipelines for optimal performance
- Interface with various data sources over various connector pipelines (SQL, Elasticsearch, Kafka, REST APIs, ...)
- For certain projects, also project management and managing external freelance developers.

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 Master in Computer Science or a similar field
- Speak and write English or Dutch fluently
- Ideally have experience with any of the following technologies: Flask or FastAPI, Nginx, 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 fast growing but 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 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:

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