

Full Stack Developer

Yazzoom is a high-tech company based in Ghent, Belgium, that offers software and engineering services for improving company processes by means of data processing. We are looking for a candidate (Master or PhD in engineering, informatics or computer science) with strong programming skills (Python, Java and JS). The job comprises software, UI and web development but also project management and contact with the internal team of data science engineers, and with our customers. The main location for this job is Ghent. We are ideally located next to the E40 motorway and close to the main train station. Some projects require short national or international travel so a driving license is required. Candidates must be fluent in English. Knowledge of Dutch, French and/or German are a plus.



Who are we?

Yazzoom (www.yazzoom.com) is a five-year-old Ghent-based high-tech company that offers software products, custom software development and R&D services to a broad range of companies and organizations. We have top expertise in algorithmic software development and in particular in artificial intelligence, predictive and prescriptive analytics and optimization algorithms - both in the Big Data technology stack as in the classical relational database context. We also have two own software products in the market that we continue to develop further: 1) a tool suite for virtual sensor creation, deployment and monitoring, and 2) a Big Data software platform for machine data and log file analytics.

Yazzoom was selected by the European ACE program as one of the top 100 young ICT companies with the largest international growth potential, and recently won the digital innovation tour contest at M+R/Maintenance.

Yazzoom is partner in the European research and development projects Active@Work and Reflexion. Our role in these projects is amongst others to develop our own software for multivariate anomaly detection and root cause analysis on real world IoT biometric, environmental and machine data.

In earlier projects, we have for example developed software for:

- A context-dependent “recommender engine” for a Big Data platform
- Biometric signature verification for a mobile payment platform
- Automatic sorting of onions based on computer vision
- Automatic optimization of the meta-parameters of machine learning methods for the processing of natural language
- Processing of 3D and thermal images for various applications
- Predictive modelling of prices of second hand cars

- Predictive modelling of failures in production processes

Our colleagues are motivated and flexible high-tech professionals that can further develop their knowledge and skills in projects for different companies in a variety of industry segments.

The past 5 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.

The job

In this job, you will apply a broad set of software and web development:

- Build complex and scalable browser-based applications served by a back-end.
- Combine existing open-source technologies into a single platform.
- Tune algorithms and data pipelines for optimal performance.
- Build a responsive and intuitive front-end, both as standalone desktop application or browser-based.
- 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 have a master or PhD in engineering, informatics or computer science.
- You have at least 5 years' experience in software and/or web development.
- You have a passion for software design patterns and building clean, well-tested code.
- You own a driving license type B and are flexible to do occasional travel to our customers in Belgium and internationally.
- You like a job with a lot of variation. You also like to learn new technologies, software libraries and frameworks and apply them to solve real-world problems.
- You have a strong analytical mindset and are able to understand and solve technical problems quickly: you are a creative problem solver.
- You can build a relationship of trust with the customer and have strong interpersonal skills.
- You communicate fluently in English both orally and in writing. A good knowledge of Dutch is a big plus. Knowledge of French and/or German is a plus.
- You have knowledge of and experience with at least two of the following programming languages: Python, Java, Javascript.
- Experience in one of the following areas is not necessary but a big plus: Big Data, Elasticsearch, Kafka, Qt.

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 world of constant innovation.
- You will get to work in a team of highly educated computer science professionals on a variety of challenging projects. This way, you will get a taste of what data science, machine learning and optimization algorithms are all about.
- 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 you the opportunity to grow with the company.
- 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.

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.

Interested?

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

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