ADVANCED MODELLING ENGINEER WATER

We are looking to expand our team with a water-passioned modelling engineer that will help delivering high quality solutions to our international market. Are you ready for an international mission to help solving the big issues in our water industry using the power of modern digital & modelling tools?

Who are we?

We are a Ghent-based tech business that develops globally unique modelling solutions to help solving the big challenges in the water industry at the international scale. These challenges include climate change mitigation and adaptation, water scarcity, environmental protection and workforce challenges. Our clients are water companies, large industrial end users, water technology companies and engineering firms. We help them developing new technologies, designing, and optimising very big plants and smartly operating those facilities through digital twins. 'Smart' and 'Better' means better process performance, less greenhouse gas emissions and enhanced process efficiency. We have been working for clients in 22 countries and have accumulated over 150 project references. We became an international leader and trendsetter in the industry, working on the intersection of 'water', 'climate' and 'digital'. Our company received the Water Europe Innovation Award in 2021 and 2022 and was among the 3 nominees for 'breakthrough company of the year' at the Global Water Awards in 2023. In March 2024, we received the changemakers 2024 award from the Belgian business journal 'De Tijd', recognising Belgium's most impactful and promising emerging company fighting climate change.

Job description

You will be modelling a highly diverse set of treatment processes and plants for water industry clients worldwide, with the goal of reducing greenhouse gas emissions, improving waterquality, saving resources and making plants smart. By mastering and applying modelling techniques such as bio/chemical kinetics, computational fluid dynamics (CFD) or the combination, you will unravel what is happening inside water treatment systems and will be able to improve processes significantly. After a while, you will be able to execute rather spectacular modelling work, for which AM-Team is known. The complexity of the modelling projects will grow along with and will be adjusted to your modelling knowledge and experience. You will also be developing a broad knowledge on existing and novel industry processes.

The objectives of your modelling projects will be highly case dependent, but mostly you will make clients happy by saving costs, saving energy, improving technology and competitive position, accelerating technology development, and improving process performance and reliability.

Main responsibilities

- **Project execution & delivery:** Executing multiple modelling projects & delivery of the project outcomes to the customers in the shape of reports and presentations. Typically, projects execution involves.

- o Understanding project objectives & gathering relevant data
- o Planning project milestones and executing projects in a stepwise & collaborative manner.
- o Organizing client meetings and preparing presentations & reports.
- o Supporting other team members with expert knowledge.
- **Technical communication & dissemination:** Internal & external communication on projects and at international events or in online webinars. Writing technical abstracts, journal articles and social media technical blogs or posts.
- **Research & development:** Developing new modelling solutions tailored to market needs in close collaboration with the team. Creating templates and SOPs for existing modelling methods.
- **Coaching & training:** Continuous learning & improving through active trainings. Also coaching others.

You will be guided by senior colleagues at the start and will gradually grow and do your work more autonomously.

The person we are looking for.

Our new colleague:
- Has at least 2-3 years of water or wastewater industry or relevant academic experience related to working with modelling projects.
- Has at least MSc in (environmental/bioscience or relevant) engineering. Has strong understanding and educational background of water treatment processes and/or modelling of these processes. Knowledge and experience with CFD modelling is a plus.
- Deeply shares AM-Team's core values.
    - o We value the fun factor: working with us makes you smile and makes us smile.
    - o Why should the sky be the limit? You are a person that is not afraid to think out of the box and set ambitious goals.
    - o A team is so much more than a bunch of individuals: you are a true team player.
    - o We tailor to enhance value but fit for purpose: we stand for quality and the tailoring of our approach to our team and customers.
    - o We have no boundary conditions: we have no geographical, cultural, or technical boundaries.
    - o We never settle, and keep stirring, we want to infinitely learn and improve, both as team and individuals
- Is interested in the wonder world of digitalisation and has passion for innovation.
- Is eager to learn and curious.
- Has ability to ask the right questions and carefully listen to clients to help them maximally and truly understand their needs and problems.
- Has good (self) organisational skills and takes initiative.
- Has good presentation skills and can explain things simply, even when they are complex.
- Is fluent in English both written and orally - knowledge of another language is a plus (e.g. Dutch, French, or German).

Job offering – Solution Engineer

What we offer you

- In addition to an attractive salary, an interesting compensation package, tailored to your experience:
  - ○ Additional benefits (pension plan, meal and eco vouchers, …)
  - ○ A rewarding bonus system based on pre-defined KPIs.
  - ○ Possibility of a company car, mobile phone, and other assets
- The opportunity to learn and master advanced modelling techniques by working on leading edge industry technologies.
- The opportunity to grow your network fast, at the international scale (you will be in touch with numerous important actors in our industry)
- A young, fast-growing scale-up, offering a dynamic entrepreneurial environment with ample opportunities for personal growth in different areas (management, business development, leadership, sales, and marketing, …)
- Managerial and other development opportunities, including AM-Team's internal development seminars. Possibility to co-develop the sales and marketing strategy.
- A nice office space in Ghent, Belgium, with hybrid and remote working opportunities

Application and selection procedure

1. Please send your cv and motivation letter to *hr@am-team.com*. Make sure you motivate why you are interested in this job at this specific company.
2. AM-Team will make an assessment and will inform you on the next steps.
3. Assessment will include an initial screening based on the application and will be followed by at least two interviews. In each of the interviews, job and culture match will be assessed thoroughly.

Extra information

- full-time – medior/senior-level –modelling engineer – water industry
- If you have any further questions, please e-mail to usman.rehman@am-team.com

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Important note
We will launch a completely new website in the coming weeks. Even though our current website gives you an idea of our activities and customers, our new website will contain significant new material that will reflect the vision and extended portfolio of our business. Make sure to check out our YouTube channel 'AM-TV' to get a sense of our culture.

AM-TEAM.com