PipePredict GmbH

Did you know that each year up to 50% of the distributed drinking water worth €173 billion is lost in water suppliers' pipe networks due to leaks and pipe bursts? With each liter of water also the energy for its transportation is lost which results in an unnecessary pollution of annually 257m t CO₂.

Our vision is a world with 0 unnecessary losses in pipelines. To realize this vision, we fight water stress and prevent pipe bursts through predictive maintenance for pipes. Therefore, we analyze sensor data with a digital twin and machine learning algorithms. As result, we predict pipe bursts so that our customers can benefit from reduced losses, improved planning of repairs & personnel as well as increased resource & energy efficiency and thus sustainability.

You are responsible for:

- Further development of complex applications using golang, Postgresql, and Typescript/Javascript
- Efficient implementation of demanding development tasks
- Integration of new modules and application functions into the existing GUI and framework
- Holistic development: from technical conception to frontend/backend implementation and testing
- Consulting regarding system and environment architecture as well as new functionalities

This is what you can expect:

- Participation in developing and maintaining our product
- Collaborate with our partners to support installing and maintaining our software
- You contribute greatly to the direction in which the company will develop

You offer:

- At least 2-3 years of professional experience in the development of complex event-driven applications using micro services (REST API)
- Preferably good knowledge with: golang, python, and Reactjs
- Good knowledge in the areas of performance, scalability, and security (Docker, Kubernetes, cloud services, etc.)
- Efficient, results-driven implementation
- Good communication skills for exchange with the R&D department
- Fluently speaking English and German
- Bachelor's degree in Computer Science, Computer or Electrical Engineering, Business Informatics, or equivalency in work experience

We offer:

- A chance to solve a global problem: enhance life quality for millions of people and reduce tons of unnecessary CO₂ emissions at the same time
- A young, innovative, and international team of founders and coworkers with common activities and trainings to stay curious
- Creative start-up culture with low hierarchies, flexible and fast decision-making paths
- An inspiring working environment at HUB31 with a maker space (Lab³) and working equipment
- Grow with our award-winning company and take over responsibility for a team or even department
- Be one of the first coworkers and influence the company's direction with freedom of creation
- Flexible working conditions (hours / place)
- Appropriate and industry-standard salary
- Free coffee and tea as much as you can drink! Sometimes we also offer snacks :)

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