

Head of Software Engineering

About the position

We are a Berlin-based medtech startup dedicated to building AI-powered software that supports radiologists with their daily work: Analyzing medical images. Our prototypes already run at several medical practices, but in order to scale, we need more engineering power. As one of the first professional software engineers in our team, you will not only co-develop our products including their backends and frontends, but also shape our tech infrastructure. You will join an interdisciplinary team of motivated data scientists, physicists and radiologists. We believe in team work and ensure that the whole team takes part in the company's success via a virtual share program.

Your tasks

- You will design and develop intelligent software for medical image analysis in close collaboration with our data scientists
- You will give our software a shiny UI that radiologists are going to love
- You will take ownership of our code repositories, ensure high code quality and participate in code reviews
- You will be responsible for scalable and automated deployments both on-premise and in the cloud
- You will set up automated ETL jobs to process large amounts of medical image data
- You will take care of security and encryption of medical data

Your profile

You meet most of the following criteria:

- You have 5+ years of experience in software development
- Python is one of your main programming languages (knowledge of C++ and Matlab is a plus)
- You value good software engineering practices and code quality
- You're excited about both hacking quick prototypes and architecting stable production-quality software and you can decide when to do what
- You have experience with relational and non-relational databases



- You have experience with containerization using docker and kubernetes or similar
- You have experience with cloud computing (e.g. on AWS)
- You know how to develop REST APIs
- You're knowledgeable about existing frontend frameworks (e.g. react) and visualization libraries (e.g. D3)
- You have some knowledge about security and data encryption
- You have some knowledge or interest in machine learning
- Knowledge of medical imaging and the DICOM standard are a plus
- Open source contributions are a plus

Our current tech stack

flask, numpy/scipy/pandas/scikit-learn, react, redis, postgres, docker, AWS, terraform, gitlab-CI

If you're interested in joining us, please send your CV and optionally your github profile or other resources to our CTO Dr. Jörg Döpfert: j.doepfert@mediaire.de