

Software Developer (m/f/n)

Freelance-ID: OCR-FL-2740

The project aims to develop a platform for streamlined model and data analysis workflows, enhancing development processes in DEV NCE. Our approach simplifies the transition of models from business experts to lab users through user-friendly web applications. NCE CloudLab facilitates faster development times and higher product quality through the "predict and confirm" paradigm. This framework integrates machine learning with ab-initio calculation workflows on the high-performance compute cluster (HPC) and provides access to lab and ab-initio data pipelines.

Tasks:

- Technical Writing custom code to fix bugs in existing applications or adding features to new applications as needed
- Communicating with other members of the development team about progress, issues, or changes that need to be made
- Reviewing code written by other developers for possible bugs or security issues.
- Performing quality assurance testing on applications
- Creating new applications from scratch based on design specifications
- Analyzing data to identify trends or patterns that could indicate problems with the software or identify opportunities for improvement
- Recommending improvements to existing processes and procedures
- Consulting the designers to create user interfaces

Skills:

- At least five years of experience in the IT industry
- APIs with Python (FastAPI), DevOps and CI/CD (Git, Jenkins, Helm, Docker, Openshift, AWS, Terraform) are required skills (5+ years of experience)
- Essential RDBMS developer skills with Postgres
- Experience with Streamlit and NextFlow is not mandatory but is a plus
- Strong English communication skills required
- Analytic mindset
- Delivery mentality and understanding of / focus on end-user requirements

Additional Information:

Start: 01.05.2024
Duration: 6 months
Location: Remote (Biberach)
Capacity: 20 hours/week
Remote share: 100%

Your OCR contact

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