GAF AG is an internationally successful company that specialises in cross-platform geoinformation solutions and the development of innovative earth observation applications. In addition to receiving and procuring satellite-based earth observation data, GAF holds a leading position in the areas of data processing and geo-consulting due to its 40 years of expertise. With an international and interdisciplinary team of experts, GAF sets standards for individual consulting as well as state-of-the-art cloud- and AI-based solutions in the field of satellite-based monitoring of future- and sustainability-oriented application areas for various national and international clients.

To further strengthen **our team in the field of geodata analysis** at our **headquarters** in **Munich**, we are looking for a

Geospatial Data Scientist

with expertise in remote sensing for the processing and analysis of geospatial data.

The results of our work are used by authorities, companies and in science worldwide for further analysis and decision-making. Using our data analysis capabilities, we provide thematic and statistical information at various spatial reference levels locally and globally. Processing large volumes of satellite data with innovative analysis methods in cloud infrastructures has been indispensable for several years and enables, for example, the creation of land cover products on a continental scale as part of the EU's Copernicus program.

Your tasks:

- Development of methodologies for deriving information from satellite, climate and other geospatial data
- Developing together with your team members (Data Scientists, Software Developers and DevOps Engineers) highly efficient data analytics workflows for the derivation of spatial data sets in raster and vector format based on satellite data and represent these to stakeholders such as project managers and customers
- Evaluating and testing of new technologies and assessing them in terms of their benefit for the company

Core requirements:

✓ A master's degree in Science or Engineering, such as Geoinformatics, Remote Sensing, Computer Science, Data Science or similar
✓ At least two years of professional experience after university in developing methods and software for the exploration of geographic raster and vector data.
✓ Comprehensive experience with remote sensing and geodata, in particular with Sentinel-2 satellite data
✓ Knowledge of ML and DL methods for regression analysis, image segmentation, image classification and object detection
✓ Extensive knowledge and experience with Python
✓ Profound experience with software development tools like Git, PyCharm or VSCode
✓ Very good spoken and written English skills
✓ Ability to work in a cross functional team with a broad variety of technical skills within an open and creative work environment

Desirable knowledge:

✓ Knowledge about GIS software such as QGIS, SNAP
✓ Familiarity with databases preferably PostgreSQL
✓ Experience with cloud development and CI/CD (Docker, K8s, Airflow, Jenkins)
✓ Experience with WSL and basic Linux commands

What to expect:

- Content-wise diverse, technically demanding and responsible tasks in one of Europe's leading geo-information companies, and insights into an exciting and technically cutting-edge work environment
- Comprehensive support in familiarising yourself with your professional role
- Training and development - because your experience and knowledge count
- A respectful, friendly and modern project working environment in a multi-national team of committed colleagues and a leadership style based on trust
- Flexible working hours and the opportunity to work from home within the framework of our regulations
- Options for temporary work from abroad depending on individual and legal requirements (workation)
- An attractive location with perfect public transport connections and great options for outdoor and recreational activities in the direct vicinity
- Various additional benefits, e.g. public transport contribution (job ticket), company pension scheme (optional), travel health insurance (worldwide), occupational health management, and much more

Further information:

Full-time, 40 hours per week and starting as at the earliest possible date.
Initially limited to 2 years, with a subsequent option for a permanent contract.
Please note that only applicants with German work permit can be considered.

Have we aroused your interest in this position?

Then we are looking forward to receiving an application from you, including a cover letter and CV together with any other useful supporting documents, and stating your (gross) salary expectation and earliest availability. Please send your application to recruiting@gaf.de, stating „**Geospatial Data Scientist**" in the subject line.

Contact: Recuiting-Team
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