Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Eidgenössisches Departement des Innern EDI

Bundesamt für Meteorologie und Klimatologie MeteoSchweiz

The Federal Office of Meteorology and Climatology MeteoSwiss is looking for a:

Software Developer in DevOps (m/f)

MeteoSwiss Good to know
80-100%

Zurich-Airport

Every day, the Swiss population and industry player make decisions based on weather forecasts from MeteoSwiss. The corresponding production system, which runs on a high-performance computing system, must be very reliable. As part of an agile and motivated team, you will contribute significantly to the further development of the weather forecast system and the cloud transformation of the production workflow. Within the operations group, you will also be responsible for the operation and monitoring of the operational system.

Your tasks:
- Develop components of the operational system; implement cloud-native solutions for scalable and geo-redundant workflows
- Further develop the numerical weather prediction model system, in particular with regard to improving the software architecture, runtime and stability, maintainability and the use of modern software technologies
- Ensure the lifecycle and compliance of the automated production systems, taking into account the specifications
- Coach scientists in the field of software development
- Operate and maintain the operational applications (e.g. numerical weather prediction systems, production of derived products) as well as investigating operational problems in best-effort mode (interventions) as third-level support for reliable 7x24h operation

Your competences:
- University degree (FH, Uni, ETH) in computer science, computational science or related field with several years of practical know-how in software engineering, especially with Python, in the DevOps area and the deployment of critical, fail-safe infrastructures.
- Experience with cloud-native designs, deployments to hyperscaler cloud providers and operational data workflows is an advantage
- Experience in high performance computing, container and cloud technology is an advantage
- Team player, confident in an international environment (coupled with the appropriate linguistic competences) as well as independent, committed and innovative in the completion of the tasks entrusted to you

Employer information

The Federal Office of Meteorology and Climatology MeteoSwiss is Switzerland's national weather service. We record and forecast the weather and climate in Switzerland and thus make a sustainable contribution to the well-being of the population and to the benefit of the economy, science and the environment.

The Numerical Forecasting Division offers an exciting and dynamic working environment. We are the world's first weather service to run our weather model on a hybrid high-performance computer with a high density of graphics processors, using state-of-the-art software and hardware technologies. The opportunity for continuous personal and professional development is a given.

Additional information

Women are underrepresented in our administrative unit. Your applications are therefore particularly welcome.

Please send your application online via the federal job portal: https://jobs.admin.ch/offene-stellen/Softwareentwickler-in-DevOps/64a0f60d-6d78-4845-ab18-bbb1e7973a52&m1613_lk=

For further information, please contact Carlos Osuna, Team Leader Numerical Prediction Computing, carlos.osuna@meteoschweiz.ch