VN 25/31 Performance Monitoring and Observability Software Engineer (Closed)

LOCATION
Darmstadt, Germany

QUALIFICATIONS
University degree in software engineering or related discipline.

LANGUAGES
Candidates must be able to work effectively in English and have some knowledge of French.

DEADLINE
27 May 2025

EUMETSAT's System Monitoring applications provide central monitoring and reporting of critical facilities across EUMETSAT and the provision of service and products to end users.

The Mission Performance Monitoring Software Engineer will be part of a team co-ordinating the maintaining the existing system monitoring applications as well as the prototyping and development of the next generation.

The successful candidate will ensure evolution and maintenance, support new space missions and the procurements for future systems.

Close collaboration with the Mission Performance Team Within the Real-Time Services and System Operations (RSO) in terms of planning changes, problem solving and user support will offer her/him the enriching experience of seeing the end-use of the systems under her/his responsibility.

This role would be particularly suitable for someone looking to build upon existing foundational industry experience with the ambition to evolve into a knowledge expert and build a career within this specialist sector.

This position supports the Copernicus Programme.

Duties

- Define, design and maintain the EUMETSAT's Mission Performance Monitoring Software.
- Contribute to the definition and implementation of roadmaps to modernise or replace existing tools with new technologies and capabilities.
- Management of industrial
- Deputise Team Leader as co-chair or engineering representative on various internal EUMETSAT boards, for example Functional Area Management Board (FAMB) and Anomaly Review Board (ARB), and as Technical Officer of various industrial contracts.
- Provide support and co-

contracts through Service Level Agreements (SLA) and Key Performance Indicators (KPI).
- Identify opportunities for optimisation and promote innovation within the engineering team, by staying up to date with the latest industry trends and emerging technologies, to drive product excellence and cost-effective solutions into operation.

ordinate activities with operational end users.

Skills and Experience

The successful candidate will bring:

- Proven experience in the specification, architectural design, development and maintenance of medium to large-scale software systems in a high-availability (24h/day) environment.
- Verification & Validation (V&V) activities, including automated testing, software testing, unit test suite maintenance, software debugging and profiling.
- Knowledge of modern software technologies (e.g. web and cloud, containers and container orchestration) and shell scripting.
- Ability to manage complex tasks with minimum supervision, including planning and prioritisation of activities, allocation and coordination of resources, monitoring and reporting.
- Experience managing contracts with industrial suppliers and producing well defined statements of work.
- Good interpersonal and communications skills, team spirit and service orientation.
- Strengths in synthesising and presenting complex problems and solutions.
- A genuine interest in the topic and a strong motivation to develop technical subject matter expertise.

Knowledge and experience of the following would be a distinct advantage:

- Modern System Monitoring/Observability solutions used to monitor real-time/critical software.
- Machine learning technologies in relation to monitoring the performance of operational systems.

Employment Conditions

The initial contract will be of 4 years' duration, with subsequent 5 year contracts being awarded thereafter, subject to individual performance and organisation requirements. There is no limit to the amount of follow-up contracts a staff member can receive up to the EUMETSAT retirement age of 63 and there are certainly opportunities to establish a long career perspective at EUMETSAT.
This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 7,340 per month (net of internal tax but excluding pension contribution and insurances) which may be negotiable on the basis of skills and experience. The salary scale provides for increments on the anniversary of taking up employment, and scales are reviewed by the EUMETSAT Council with effect from 1 January each year. In addition to basic salary, EUMETSAT offers attractive benefits. Further information, including salary details, is available on the EUMETSAT web site.

EUMETSAT is committed to providing an equal opportunities work environment for men and women.
Please note that only nationals of EUMETSAT Member States may apply. The EUMETSAT Convention requires that Staff shall be recruited on the basis of their qualifications, account being taken of the international character of EUMETSAT.

Applicants are required to disclose all nationalities they have held and currently hold in order to determine whether they can exercise the role as advertised in compliance with applicable export control regulations.

About EUMETSAT

EUMETSAT is Europe's meteorological satellite agency. Its role is to establish and operate meteorological satellites to monitor the weather and climate from space - 24 hours a day, 365 days a year. This information is supplied to the National Meteorological Services of the organisation's Member States in Europe, as well as other users worldwide.

EUMETSAT also operates several Copernicus missions on behalf of the European Union and provide data services to the Copernicus marine and atmospheric services and their users.

As an intergovernmental European Organisation, EUMETSAT has 30 Member States (Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, The Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.)

Apply Now