Vacancy details

Call for position of an IT position at the EMSO ERIC (European Multidisciplinary Seafloor and Water-Column Observatory European Research Infrastructure Consortium) Central Management Office (CMO)

The European Multidisciplinary Seafloor and water- column Observatory (EMSO) is a Research Infrastructure at fixed-point monitoring nodes connecting European marine research facilities: from the Arctic through North Atlantic, to the Mediterranean and the Black Sea. It currently comprises twelve open ocean facilities including three shallow water test sites (see www.emso.eu for details).

EMSO is a European Institution set up as an ERIC (European Research Infrastructure Consortium) by decision of the European Commission (September 29, 2016). Its Members are currently States from the European Union although it is open to other external members.

Application deadline: 21st May 2021

Estimated starting date: 15th June 2021

Type of contract: fixed-term employment contract

Duration: 24 months (including a 6 months' probation period)

Required effort: Full-time employment fixed-term contract

Gross remuneration: 40.000 Euro (stipendio lordo) inclusive of contributions required by Italian tax and social security regulations for the abovementioned employment contract type. Missions allowances, authorized travel expenses and travel subsistence cost are to be reimbursed by EMSO ERIC.

Employer: EMSO ERIC.

Location: EMSO ERIC Headquarters in Rome, Italy

Headquarters | Via di Vigna Murata, 605 - 00143 Rome Italy - Tel. +39 06.45431040
Operative office | Via Giunio Antonio Resti, 63 | 00143 Rome Italy phone: +39 06 45431040
Fiscal Code 97908370584 - VAT Number 14062811006 - email: info@emso-eu.org - pec: eric-emso@legal.email.it - **www.emso.eu**

Job Profile

EMSO ERIC is seeking candidates for an Information Technology position at the European Multidisciplinary Seafloor and water-column Observatory Research Infrastructure Consortium (EMSO ERIC) in Rome, Italy. The successful candidate will act as the IT Engineer at EMSO ERIC, based in the Central Management Office (CMO) premises in Rome, Italy. He/She will provide IT engineering support to European-funded projects which will be indicated in the employment contract and assistance to the CMO in the operations and maintenance of the IT infrastructure/services and support EMSO ERIC members.

Position responsibilities

He/She will provide engineering support to different aspects of systems and software support, including but not limited to implementation, deployment, maintenance, monitoring, performance analysis, and security. He/She will work closely under the IT Director, collaborate with other team members, and be exposed to multiple platforms and IT disciplines. This position will provide support in building solutions to automate as much of IT operations as possible, including design, development, test, and deploy custom workflows and scripts within the cloud infrastructure that can be used for integration, deployment, monitoring, compliance, or other ongoing routine IT tasks.

This individual will also administer, monitor, and troubleshoot infrastructure, networking items, enterprise cloud infrastructure, and day-to-day end-user support. Support activities may account for about 25% of his/her time. He/She will routinely interact with people of diverse backgrounds and nationalities from within and outside the EMSO ERIC organization, so excellent interpersonal and communication skills are necessary.

Essential Skills and Competencies
- Bachelor's Degree in Computer Science or Information Technology or Engineering or related field or applicable professional certification and at least three years relevant technical and analytical experience.
- Experience in design, implementation and management of databases, Linux server administration, and IT and cloud operations.
- Minimum 2 years of coding experience with an understanding of IT automation and infrastructure as code (e.g., bash, Python, C/C++, Java, Ruby, Ansible, Chef, Jenkins, Terraform).
- Experience in managing operation logs and backups.

- Knowledge in continuous integration/delivery/configuration management.
- Proactive approach to IT, rather than reactive.
- Low to medium supervision needed, takes the initiative in monitoring and troubleshooting issues that arise.
- Experience in developing and managing virtual working environments, including Windows/macOS user support and project management tools.
- Communication and presentation skills to engage technical and non-technical audiences.
- Ability to demonstrate courtesy to team members and internal employees while maintaining a professional standard in daily work tasks.
- Fluent in written and spoken English.

Desirable Skills and Competencies
- Experience with cloud technologies (e.g., AWS and Openstack) and container and orchestration platforms (e.g., Docker, Kubernetes).
- Knowledge of big data frameworks (e.g., Apache Hadoop/Spark, Kafka, Elastic, Kibana, Grafana, etc.)
- Knowledge of web content management systems (e.g., WordPress, Drupal).
- Knowledge of web development frameworks (e.g., Angular, Django, Flask).
- Provision of IT support for computers, networks, printers, and any other IT devices.
- Virtual meeting service set-up and management using on-line platforms (Zoom, Google Hangouts). Set-up of virtual rooms, test with participants before meetings, and assistance to them during virtual meetings.
- Google Workspace administration.
- Project management software set-up and management, using available tools.
- Experience in helpdesk and ticketing systems.

Personal Attributes Desired for the Position
- Strong interpersonal abilities.
- Strong team-work skills.
- Ability to work also under pressure.
- Highly motivated, precise and rigorous.

Working Conditions:

- The main place of work will be the EMSO ERIC Headquarters in Rome, Italy.
- Work can be occasionally requested online during some weekends and holidays.
- Work development might occasionally fulfil deadlines with short notice.

Selection Procedure

Application

Applicants should send
  i. a CV along with a covering letter as a single PDF document summarizing their relevant experience and expertise and motivations for wanting to join EMSO.
  ii. names and contact information of at least two references.

Applicants must declare to have a clean criminal record.

Interview
The selected candidates will be notified and invited to participate in an individual interview to be held either in person or online. In the interview, the candidate will be asked about real IT simulations examples and to carry out hands-on test exercises to assess his/her technical competence on IT with a focus on DevOps practices.

Application Deadlines
  i) Applications should be submitted not later than 21st May 2021 (at midnight Rome local time) by email to recruitment@emso-eu.org, addressed to the Director General of the EMSO ERIC, with the following subject heading: "IT Engineer Vacancy".

  ii) Any specific enquiries about this job posting should be sent to recruitment@emso-eu.org, specifying the term of the sought position.

  iii) The final outcome of the selection will be communicated to all final-round candidates by the end of May 2021.