Job Vacancy

Job position	N. 1 Software Developer
Employer	European Plate Observing System European Research Infrastructure Consortium (EPOS ERIC)
Affiliation	Executive Coordination Office – IT UNIT - ENVRI-HUB NEXT Project
Duration	Fixed-term contract (12 months, with the possibility of renewing the contract).
Contract	National Collective Labour Agreement (CCNL) for Embassies, Consulates, Legations, Cultural Institutes and International Organizations in Italy
Conditions	Full-time employment, 36 hours per week. One-month probation period. National and international travel may be required.
Compensation	CCNL Level (Area) B2. The salary will be commensurate with the titles and experience. Gross Annual Retribution (RAL) appraisal: EUR 38,000-40,000.
Benefits	Luncheon Voucher Competitive travel allowance Continuing education and professional development plans Flexible hours and hybrid work schedule for a better life-work balance.
Location	EPOS ERIC, Via di Vigna Murata n. 605, 00143 Rome (Italy)
Working Language	English mandatory, Italian highly valued
Application start date	26/04/2024
Application deadline	26/05/2024 at 23:59 (Rome local time)

IMPORTANT

Before signing the employment contract, the successful candidate must have an Italian domicile (preferably in Rome or around the city of Rome), an Italian Fiscal Code, and Tessera Sanitaria. Info at https://www.agenziaentrate.gov.it/portale/web/eng

Brief Description of the EPOS Research Infrastructure

EPOS (European Plate Observing System, www.epos-eu.org/) is the pan-European research infrastructure dedicated to integrating data, services and facilities of the solid Earth science research communities in Europe. Its mission is to ensure the sustainable use and re-use of multidisciplinary solid Earth science data and products, fostering state-of-the-art research and innovation. EPOS is committed to establishing and underpinning sustainable and long-term access to solid Earth science data and services, integrating diverse European research infrastructures under a common federated framework. EPOS ERIC is the legal entity established by the European Commission to coordinate and integrate national and international research infrastructures, forming the EPOS Delivery Framework. Based in Rome, Italy, EPOS ERIC comprises 19 Members: Austria, Belgium, Bulgaria, Croatia, Denmark, France, Greece, Iceland, Italy, the Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom, and 1 Observer: Germany. The governing body of EPOS ERIC is the General Assembly.

Our activity is constantly evolving, like our infrastructure! The emergence of new needs allows us to update, grow professionally, and learn new skills continuously. You will find a challenging and varied job at EPOS and join a large and diverse network of people from Europe and beyond.

EPOS cares about inclusiveness!

Diversity is an invaluable asset to EPOS. Fostering a diverse, equitable, and inclusive workplace is, therefore, our priority. We wholeheartedly encourage applications from individuals representing diverse ethnicities, cultural and religious backgrounds, genders, sexual orientations, and career stages for all our job and internship opportunities.

Job Mission and Main Responsibilities

EPOS ERIC is looking for a motivated and skilled Object-Oriented software developer with basic system architect competencies, who will participate in the IT Unit activities for the technical development, maintenance and operation of the EPOS Integrated Core Services system software platform at an adequate level of operational quality. This includes software development in Object-Oriented Programming languages like Java and Python, and e-Infrastructural activities needed to improve and maintain the software platform (Code versioning, CI/CD, usage of Kubernetes and Docker).

All activities will be carried out in a collaborative way within an existing IT team.

The successful candidate will be responsible for:
- Study and analyze innovative technical solutions for improving the microservice-based system.
- Maintenance and documentation of the existing software and micro-services.
- Relational Database management and administration.
- Regularly report to the Chief of IT Unit about the work performed and related issues.

Eligibility Criteria

At the closing date of applications, candidates must:
- Be a national of a member state of the European Union;
- Have the appropriate character references for suitability for the duties' performance.

Mandatory Qualifications and Professional Experience
- Bachelor's degree in computing science or similar, or relevant experience (at least three years) in OO development in microservices oriented architecture systems and related technologies
- Excellent command of spoken and written English.

Professional Experience, Qualifications and Skills
- Advanced skills in Unix-Like system usage and administration.
- Documented experience in development with the following languages, frameworks and dev environments:
  - Java and Python (Advanced skills required)
  - Springboot framework, JPA Good knowledge of RESTful paradigms.
- Documented experience in DevOps lifecycle with Gitlab and Github, CI/CD deployment.
- Experience with virtualization environments and tools (Kubernetes, Docker, KVM, VirtualBox).
- Good skills and documented experience in communication of results (reports and documentation writing, contribution to scientific publications).
- Collaborative skills and documented experience in participating to collaborative work in teams and leading small groups.
- Working Professional Proficiency in Italian and English, with ability to speak, read and write both languages with minimal difficulty.

Soft skills
- Good interpersonal skills and aptitude for teamwork.
- Strong goal orientation and ability to work under deadlines.
- Curiosity and openness to continuous learning.
- Interest in digital infrastructures, data science and research in general.
- An aptitude to work in an international context.

How to apply
Under penalty of exclusion, prepare your application in English language, as one single PDF document containing, in the following order:

i) A motivation letter explaining your interest in this position and how you could contribute to EPOS.
ii) A signed copy of your CV using the European Curriculum Vitae Format.
iii) Names of two references the evaluation committee may contact.
iv) Identity document.

Attach the single PDF document in an email with the following subjects: "Application: ENVRI-HUB Next Software Developer" addressed to the EPOS ERIC Executive Director at the following e-mail: jobs-calls@epos-eric.eu

IMPORTANT: By submitting your application, you agree and accept that EPOS ERIC will use your data for this selection process. EPOS ERIC ensures that all applications will be treated with the strictest confidentiality.

If you require further information or clarification, please email Diana Piras, Chief of the Administration Unit, at diana.piras@epos-eric.eu.