VACANCY ANNOUNCEMENT

Information Systems Officer, P-3
Administration and Operations Division
Information and Communication Technology Subdivision

(This is a re-advertisement of VA 24/074/AS/ICT published in October 2024; candidates who continue to be interested in the position need to apply again)

Deadline for application	Announcement number	Expected date for entry on duty	Duration of appointment	Duty Station
8 June 2025 23:59 hrs CET	VA 25/017/A&O	As soon as possible	1 year with possibility of extension	Bonn, Germany

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The United Nations Framework Convention on Climate Change (UNFCCC) is the focus of the political process to address climate change. The UNFCCC secretariat supports the Convention, its Kyoto Protocol and the Paris Agreement through a range of activities, including substantive and organizational support to meetings of the Parties and the implementation of commitments. It is a dynamic organization working in a politically challenging environment to help resolve one of the defining environmental issues of our time.

Where you will be working

This position is located in the Information and Communication Technology (ICT) Sub-division of the Administration and Operations division.

Under the general supervision of the Manager, ICT Sub-division, (P-5) and direct supervision of the Team Lead of the Enterprise & Solution Architecture Unit (P-4), and with some leeway permitted for the exercise of independent judgment, the incumbent provides solution (software application) architectures to project teams, understanding business requirements and providing technical advice and guidance to software development efforts for project teams composed of technical staff, and provides technical expertise to senior managers, ICT Team Leads and other technical staff on the resolution of architectural and software development issues.

Your responsibilities

Within delegated authority, the Information Systems Officer may be responsible for the following duties:

1. **Produces solution architectures for ICT projects, representing software platforms and applications which will be deployed as part of the Information & Communication Technology (ICT) portfolio at UNFCCC:**

   a. Develops practical solution architectures – taking into account existing architecture, standards, business constraints, project requirements and development team needs – for designated applications and platforms;
   b. Ensures the overall technical quality of a particular ICT solution being delivered to the business to meet their expressed requirements;
   c. Ensures and promotes compliance with established process and Enterprise Architecture, exemptions and updates to standards when applicable;

d. Works with requirements engineers to ensure requirements are expressed in ways compatible with architectural constraints;
e. Selects and promotes the use of appropriate tools, including logical models of components and interfaces, to contribute to the development of solution architectures in specific business or functional areas;
f. Contributes to setting the strategy, objectives and high-level plans for platforms, infrastructure and solutions.
g. Designs and develops workplace technology products, services and platforms that allow technology teams and business colleagues to consume ICT applications and platforms.

2. **Researches and understands new ICT applications and platforms. Develops technical and strategic vision for designated projects and defines customized solutions to address complex customer requirements, utilizing the UNFCCC applications and platforms:**

a. Participates in discussions with technical staff in ICT and relevant staff of client programmes to obtain agreement on project requirements, to make technical decisions and to facilitate the development of standards and policies in application development;
b. Develops architectural products and documentation for approval by customer and execution by system developers, based on standard frameworks, for the project(s) on which he/she is engaged.

3. **Provides technical leadership, advice and substantial input to the software development work of ICT project teams:**

a. Reviews the software development work produced by the team and ensures the integration of individual contributions into the projects;
b. Provides solution options, technical advice and guidance to other system designers and to developers as appropriate.

4. **Elaborates and proposes architectural patterns, best practices, development standards and processes:**

a. Provides analysis, design and development, test guidance and support to information systems for pilot and/or production use, including forms, workflow, document and records management, content management, collaboration;
b. Conducts feasibility studies on ICT best practices including procedures, standards, methodologies and architecture and presents options to support decision making and to address client requirements.

<u>**Competencies:**</u>

Applying Professional Expertise: Demonstrates expertise of subject matter and the transferable skills required for the function; Shows the capacity to apply knowledge to deliver results based on acquired background and experience; Seeks opportunities to apply own technical skills across related disciplines, Keeps abreast of new developments and technologies in the field of expertise, Actively seeks to expand the existing level of job knowledge and expertise.

Being Accountable: Uses UN funds, assets and resources responsibly, effectively and efficiently; takes ownership of own work plan, honors commitments and acknowledges responsibility for any failure in planning or delivering work; respects and operates in compliance with the UN regulations and rules; ensures that own work and contributions to the team are complete, accurate and of the highest quality; takes corrective action to address issues that compromise compliance or delivery.

Being Responsive to Clients and Partners. Fosters a good rapport and seeks regular feedback from internal and external clients and partners; Regularly consults with clients understand and respond to changes they encounter; Takes action to resolve conflicts with individuals and groups within and outside the organization to achieve win-win solutions; Works across organizational boundaries and overcomes obstacles to enhance cooperation, establishes networks and leverages partnerships to achieve results.

Working with Teams: Builds relationships of trust and exchange with colleagues; Works collaboratively with colleagues to achieve results and respects the needs of the team; Recognizes opportunities to enhance team effectiveness and results by tapping into diverse backgrounds, skills and experience; Supports and acts in accordance with team decisions, even when such decisions differ from own position; Encourages the participation of all members of the team regardless of their cultural background, nationality, gender or sexual orientation; Shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

Your qualifications

Educational Background:

Required: Advanced university degree (Master's degree or equivalent) in computer science, information systems, mathematics, statistics or related field. A first-level (Bachelors or equivalent) university degree in combination with additional two years of qualifying experience may be accepted in lieu of the advanced university degree.

Experience:

Required: A minimum of five (5) years of progressively responsible experience in the application architecture and design of information systems using agile software development methodologies. Substantial experience in a role dedicated to software application architecture is required.

Desirable: Agile and project management certification are highly desirable. Experience providing technical management of development teams is desirable.

Language skills:

Required: Proficiency in English (both oral and written) is required.

Advantage: Knowledge of another UN official language.

Specific professional knowledge and skills:

Desirable: Deep technical experience with a good mix of the following technologies:

- ToGAF 9 (or some equivalent architecture methodology)
- BPMN (Business Process Modelling Notation), business process automation (ideally Camunda)
- Process improvement (Lean Six Sigma or similar)
- Client-side architecture with JavaScript, HTML5, CSS3, SPAs (React, Angular)
- RESTful web services, API design

- Microsoft Azure including EntraID (AzureAD), MS Fabric and/or previous generation MS data management tools, CoPilot
- Microsoft Power Platform including Dynamics365
- .NET C#, Python coding skills
- Drupal (ideally 10)
- Microsoft365 (SharePoint Online)
- Delivery of their work as part of agile (Scrum) development teams, as well as in more traditional, incremental/waterfall type projects.

What is the selection process?

Evaluation of qualified candidates may include an assessment exercise which may be followed by a competency-based interview. The above listed set of competencies will be applied for this particular post.

How to apply:

Candidates, whose qualifications and experience match what we are looking for, should use the online application system available at http://unfccc.int/secretariat/employment/recruitment

Please note:
1. Service is limited to the UNFCCC secretariat.
2. We will confirm receipt of your application. However, only candidates under serious consideration and contacted for an interview will receive notice of the final outcome of the selection process.
3. Indicative net annual salary and allowances:
   US$ 70,212
   (plus variable post adjustment, currently 37.0% of net salary),
   plus other UN benefits as indicated in the link below:
   https://unfccc.int/secretariat/employment/conditions-of-employment.html

UNFCCC secretariat is committed to diversity and inclusion within its workforce, and encourages candidates, irrespective of gender, nationality, religious and ethnic backgrounds, including persons with disabilities to apply.