

<b>Position:</b>	ICT Software Development Officer
<b>Function:</b>	Office of Administrative Services
<b>Reports to:</b>	Principal Software Architect
<b>Level:</b>	IS-2

**Position Objective** *(Summary of placement in the function and broad responsibilities)*

This is a Talent Pool Recruitment which objective is to establish a comprehensive pool of qualified and skilled professionals in the fields of frontend development, backend development and artificial intelligence.

**Duties and Responsibilities** *(Functional statements defining the responsibilities and objectives)*

The ICT Software Development Officer will support the ICT Development Team with daily tasks including, but not limited to:

- Development of in-house applications according to the business needs.
- Maintenance and support of cloud-based applications, including bug-fixes and enhancements implementation.
- Documentation of solutions implemented by the ICT Development Team.
- Supporting automation and integration requests.
- Troubleshoot issues and provide timely resolutions.
- Provide training and support to end-users.
- Support the ICT Development Team with other administrative work as required.

**Requirements** *(Education, experience, technical competencies required of the job)*

**Education and expected experience**

- University degree in computer science, software engineering, or related fields.
- A minimum of 4 years of relevant work experience.
- Exposure to/knowledge of climate change project issues and/or GCF working modalities is an added advantage.
- Ability to articulate and present ideas well both in writing and orally to a diverse audience of stakeholders at technical and strategic levels.
- Ability to work in a multicultural environment with diverse stakeholders at different technical and strategic levels– staff, Board, and external stakeholders.
- Unquestionable integrity and adherence to the highest ethical standards.
- Well-versed in coding best practices, agile methodologies, CI/CD, testing.
- A team player with a proactive and can-do attitude, contributing to a harmonious environment.
- Proved track record in taking initiatives and working independently.

**Skills (i.e., technical skills)**

**General:**

- Cloud application development experience, preferably Azure-based.
- Working experience with Microsoft Azure cloud services. Experience in other cloud service providers such as AWS and Google Cloud is an advantage.
- Strong understanding of API design concepts and authentication methods.
- Experience with Microsoft SharePoint, Office 365, Logic Apps / Power Automate would be a distinct advantage.
- Strong organizational and project management skills.
- Competence and professional skills in standard software such as Excel, Word, PowerPoint, Outlook, and Access.
- Motivation for continuous professional development and willing to learn new skills is an essential skill for the job.

**Frontend Development:**

- Strong working knowledge of fundamental frontend languages such as HTML, CSS, JSON/XML structures.
- Strong working knowledge of JavaScript and related frameworks and libraries, such as Node, React, and Next.js.
- Able to provide work samples of at least one major project.

**Backend Development:**

- Proficiency in server-side programming languages (Node.js, Python) and frameworks (FastAPI, Express.js, Nest.js).
- Working knowledge of database technologies such as SQL Server/MySQL and NoSQL Databases is required.
- Experience in RESTful API design and development.
- Experience working with different authentication methods (OAuth, SAML).
- Experience in the Linux environment and the terminal.

**AI Solutions Development:**

- Strong understanding of techniques in artificial intelligence, machine learning, natural language processing, and large-language models.
- Experience training, fine-tuning, and deploying models.
- Knowledge of Azure Cognitive Search and OpenAI APIs.
- Familiarity with server-side programming languages, including Python.
- Experience with machine learning and LLM frameworks (TensorFlow, PyTorch, LangChain).

**Language requirements**

- Excellent written and oral communication skills in English are essential for this position; knowledge of another UN language would be an advantage.

**Competencies**

- Client orientation
- Communication
- Creativity
- Teamwork
- Technological Awareness