

UN VOLUNTEER DESCRIPTION OF ASSIGNMENT

SDNR000464--Software Developer

The United Nations Volunteers (UNV) programme is the UN organization that promotes volunteerism to support peace and development worldwide. Volunteerism can transform the pace and nature of development and it benefits both society at large and the individual volunteer. UNV contributes to peace and development by advocating for volunteerism globally, encouraging partners to integrate volunteerism into development programming, and mobilizing volunteers. In most cultures volunteerism is deeply embedded in long-established, ancient traditions of sharing and support within the communities. In this context, UN Volunteers take part in various forms of volunteerism and play a role in development and peace together with co-workers, host agencies and local communities. In all assignments, UN Volunteers promote volunteerism through their action and conduct. Engaging in volunteer activity can effectively and positively enrich their understanding of local and social realities, as well as create a bridge between themselves and the people in their host community. This will make the time they spend as UN Volunteers even more rewarding and productive.

General Information

Country of Assignment	Sudan
Host Institute	United Nations Development Programme
Volunteer Category	National Specialist
Number of Volunteer	1
Duration	6 months
Possibility of Extension	Yes
Expected Starting Date	Immediate
Duty Station	Khartoum [SDN]
Assignment Place	Family Duty Station
Assignment Place Remark	

Living Conditions

Khartoum is the capital and trading centre of Sudan and is situated in Khartoum State, at the junction of the Blue and White Nile rivers; Omdurman is also a suburb of Khartoum, giving the urban area a population of over 3 million. It has long served as a major communications center between the Arab countries of North Africa and central African countries. The city lies near the rich, irrigated cotton-growing Gezira area to the south and much of its trade is based on Nile river traffic. An oil pipeline links the city with Port Sudan on the Red Sea. Industries include tanning, textiles, light engineering, food processing, glassware, and printing. Sudan's climate ranges from tropical in the south to arid dry desert in the north.

Khartoum is one of the hottest capitals in the world in summer, although the winter months are cooler and pleasant. A rainy season in many areas spans from April to October. Living conditions in Khartoum are good. Khartoum is classified as a family duty station, with an adequate level of services, accommodation, and facilities. One can rent a comfortable modern apartment or house with air conditioners that mitigate the hot and dusty climate. Medical facilities are basic. The cost of living may be high, depending on the

standards, particularly for food and accommodation. It is a relatively safe environment sometimes marked by small criminality or anti-western public demonstrations. MORSS (Minimum Operating Residential Security Standards) compliance is required. Generally, the city is safe compared to other capitals in the continent. There are many restaurants and cafes for socializing, although limited sports facilities due to the climate although one can get membership of gyms for indoor exercise and there are clubs for swimming.

As this is a national UN Volunteer assignment, the UN Volunteer will be responsible for arranging his/her own housing and other living essentials.

Assignment Details

Assignment Title Software Developer

Organizational Context & Project Description

UNDP works in about 170 countries and territories, helping to achieve the eradication of poverty, and the reduction of inequalities and exclusion. We help countries to develop policies, leadership skills, partnering abilities, institutional capabilities and build resilience in order to sustain development results. In Sudan, UNDP supports a broad range of development interventions. At present, this focuses on support for Sudan's transition, coupled with efforts on peacebuilding and stabilization, climate-resilience and access to energy, and broader health and economic improvement. Learn more about our impact in 2019.

With dedicated support from donor nations, the international community, and national and international partners, UNDP works in Sudan to deliver on our promise to empower resilient nations.

Serving as the main development integrator in Sudan, UNDP supports SDG-focused strategic capacity development initiatives nationwide, focusing on: inclusive socioeconomic transformation and revival; restoring governance through inclusive and accountable institutions; sustaining and consolidating local peacebuilding; and investing in a new Green Deal through renewable energy and climate resilience efforts.

Through our active partnerships with national and international entities, UNDP strives to eliminate poverty, enable recovery, and ensure effective management of natural resources, and advance peace and social cohesion.

Achieving this will require investment in stabilization and resilience strengthening at all levels of society, in tandem with humanitarian assistance. For more details of UNDP work in Sudan please visit <https://www.sd.undp.org/>

Sustainable Development Goals 9. Industry, Innovation and Infrastructure

Task description

Within the delegated authority and under the supervision of the Head of Exploration or his/her designated mandated representative(s), the UNV Visual Anthropology Officer will:

- o Researching, designing, implementing, and managing exploration software programs.
- o Writing and implementing efficient code
- o Deploying and training team on software tools.
- o Maintain, upkeep, manage, upgrade, and regulate information and data flows of websites and apps.
- o Work closely with exploration team members to support the software and data analysis related tasks for exploration products.
- o Preparing materials for data communication.
- o Desk research, Data collection and information management tasks.
- o Help in building Sudan Horizon Scanners software, methodology, community, and virtual space.
- o Coordination and facilitation for workshops and training for different exploration products and activities.
- o Create and deliver tailored training on software development and data analysis and visualization tools and languages such as SQL, Python, Tableau/PowerBI, and Apache Hadoop.
- o Assist in the logistics and administrative aspects of projects assigned by supervisor
- o Support other programme related activities

Furthermore, UN Volunteers are encouraged to integrate the UN Volunteers programme mandate within their assignment and promote voluntary action through engagement with communities in the course of their work. As such, UN Volunteers should dedicate a part of their working time to some of the following suggested activities:

- Strengthen their knowledge and understanding of the concept of volunteerism by reading relevant UNV and external publications and take active part in UNV activities (for instance in events that mark International Volunteer Day);
- Be acquainted with and build on traditional and/or local forms of volunteerism in the host country;
- Provide annual and end of assignment self-reports on UN Volunteer actions, results and opportunities.
- Contribute articles/write-ups on field experiences and submit them for UNV publications/websites, newsletters, press releases, etc.;
- Assist with the UNV Buddy Programme for newly-arrived UN Volunteers;

Promote or advise local groups in the use of online volunteering or encourage relevant local individuals and organizations to use the UNV Online Volunteering service whenever technically possible.

Furthermore, UN Volunteers are required to:- Strengthen their knowledge and understanding of the concept of volunteerism by reading relevant UNV and external publications and take active part in UNV activities (for instance in events that mark International Volunteer Day)- Be acquainted with and build on traditional and/or local forms of volunteerism in the host country- Provide annual and end of assignment reports on UN Volunteer actions, results and opportunities using UNV's Volunteer Reporting Application- Contribute articles/write-ups on field experiences and submit them for UNV publications/websites, newsletters, press releases, etc.- Assist with the UNV Buddy Programme for newly-arrived UN Volunteers- Promote or advise local groups in the use of online volunteering, or encourage relevant local individuals and organizations to use the UNV Online Volunteering service whenever technically possible.

Results/Expected Outputs

- As an active UNDP team member, efficient, timely, responsive, client-friendly and high-quality support rendered to UNDP and its beneficiaries in the accomplishment of her/his functions, including:
 - o Software development, maintenance, and support tasks .
 - o Support the project implementation and design.
 - o Assist in the logistics and administrative aspects of projects assigned by supervisor
 - o Assist in collecting and analyzing data on emerging issues and signals of change to be utilized for creating an innovative early warning system
 - o Assist in organizing and participating in scoping missions, meetings, workshops, and training sessions.
 - o Design and produce knowledge products and contribute in creating UNDP data repository and provide data for deep learning and AI.
 - o Deliver training for exploration team on software and data literacy.
- The development of capacity through coaching, mentoring and formal on-the-job training, when working with (including supervising) national staff or (non-) governmental counter-parts, including Implementing Partners (IPs);
- Age, Gender and Diversity (AGD) perspective is systematically applied, integrated and documented in all activities throughout the assignment
- A final statement of achievements towards volunteerism for peace and development during the assignment, such as reporting on the number of volunteers mobilized, activities participated in and capacities developed

Qualifications/Requirements

Required Degree Level Bachelor degree or equivalent

Education - Additional Comments

University degree in related fields and certificates in software development is required.

Required experience 36 months

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W. www.unv.org

We are inspiration in action

The United Nations Volunteers (UNV) programme is administered by the United Nations Development Programme (UNDP).

Experience Remark

- Ability to liaise and communicate with a range of national and international partners;
- Excellent spoken and written communication skills.
- Being comfortable around ambiguity and have a grasp on topics entertaining complexity science and system thinking.
- Previous experience in coordination or program management is an asset.
- Excellent spoken and written communication skills.
- Proven record of working individually and in teams.

Language

- English (Mandatory) , Level - Working Knowledge
- AND - Arabic (Mandatory) , Level - Working Knowledge

Area of Expertise

- Development programme management Optional

Area of Expertise Requirement

Need Driving Licence No

Competencies & Values

- Adaptability and Flexibility
- Commitment and Motivation
- Commitment to Continuous Learning
- Communication
- Integrity
- Planning and Organizing
- Professionalism
- Working in Teams

Conditions of Service and other information

Condition of Service

[Click here to view Conditions of Service](#)

Conditions of Service:

Note on novel coronavirus – COVID-19.

The rapidly changing nature of novel coronavirus COVID-19 has placed significant and increasing restrictions on the freedom of movement

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of people, even within countries. Such restrictions may affect the ability national UN Volunteers to begin their assignments at their assigned duty station or limit the ability to enter UN premises. Thus, UNV cannot guarantee assignments will proceed as normal.

Candidates for national UN Volunteer assignments requiring travel to the duty station may be exceptionally granted during this period alternative working arrangements to work from their place of recruitment until restrictions are lifted. Candidates for national UN Volunteer assignments may also need to begin their assignments remotely in cases where access to UN premises is restricted. These are decisions at the discretion of the host entity. Candidates proceeding to interview are recommended to discuss travel requirements, any restrictions, and possible alternative arrangements with the host entity. If selected, candidates should carefully consider the circumstances before accepting UNV's offer.

The contract lasts for the period indicated above with possibility of extensions subject to availability of funding, operational necessity and satisfactory performance. However, there is no expectation of renewal of the assignment.

Travel to duty station (if applicable) and a Settling-In-Grant will be provided in the event the duty station is not within commuting distance from the place of recruitment. The applicable Volunteer Living Allowance is provided monthly to cover housing, utilities and normal cost of living expenses. Life, health and permanent disability insurance are included (health insurance for up to 3 dependents), as well as final repatriation (if applicable) and resettlement allowance for satisfactory service.

Furthermore, in non-family duty stations that belong to hardship categories D or E, as classified by the ICSC, a Well-Being Differential (WBD) on a monthly basis will be provided.

For UN Volunteer entitlements, kindly refer to the link <https://vmam.unv.org/calculator/entitlements>

Supervision, induction and duty of care of UN Volunteers ([Roles and Responsibilities of Host Entity](#))

UN Volunteers should be provided equal duty of care as extended to all host entity personnel. Host entity support to the UN Volunteer includes, but is not limited to:

- Introductory briefings about the organisation and office-related context including security, emergency procedures, good cultural practice and orientation to the local environment;
- Support with arrival administration and official processes;
- Structured guidance, mentoring and coaching by a supervisor including a clear workplan and performance appraisal;
- Access to office space, equipment, IT support and any other systems and tools required to complete the objectives of the assignment including a host entity email address;
- Access to shared host entity corporate knowledge, training and learning;
- Any necessary security measures, ensuring that UN Volunteers are covered by the United Nations Security Management System (UNSMS) in line with the UNDSS Security Policy Manual;
- Leave management;
- DSA for official travel, when applicable;
- All changes in the Description of Assignment occurring between recruitment and arrival or during the assignment need to be formalized

with the United Nations Volunteer Programme.

- Investigate misconduct: sharing reports with the UNV;

- Provide emergency assistance, e.g. the death of volunteer or medical evacuation, in collaboration with UNV. Accept letters of guarantees or potential liabilities for covering medical costs not claimable under medical insurance in extraordinary situations (e.g. isolation facilities` services during pandemics).

Application Code

SDNR000464-10601

Application procedure

*** Not yet registered in the UNV Talent Pool?**

Please first register your profile at <https://vmam.unv.org/candidate/signup>. Important: After creating your account, complete all sections of your profile and submit it. Then go to 'My Page' at <https://vmam.unv.org/candidate/mypage> and click on the 'Special Calls' hyperlink. Lastly, select the special call to which you would like to apply.

*** Already registered in the UNV Talent Pool?**

Please first update your profile at <https://vmam.unv.org/candidate/profile>. Then go to 'My Page' at <https://vmam.unv.org/candidate/mypage> and click on the 'Special Calls' hyperlink to select the special call to which you would like to apply.

This is a national UN Volunteer assignment, therefore only nationals of Sudan and legal residents in Sudan with the status of refugee or with the status of being stateless are eligible to apply.

Application deadline: 28-09-2021

doa.apply_url

<https://vmam.unv.org/candidate/show-doa/U0ROUjAwMDQ2NA==>

Disclaimer

United Nations Volunteers is an equal opportunity programme which welcomes applications from qualified professionals. We are committed to achieving diversity in terms of gender, nationality and culture.