



UNOPS, the operational arm of the United Nations, supporting the successful implementation of partners' peacebuilding, humanitarian and development projects around the world with final goal to help people build better lives and countries achieve sustainable development,

IS URGENTLY SEEKING
ONE 1 ICT ASSOCIATE (GIS SOFTWARE DEVELOPER)-BRINDISI
VA/2021/B5011/21576

Functional Responsibilities

The ICT Associate (GIS Software Developer) will work within the Service for Geospatial, Information and Telecommunications Technologies and Customer Support Delivery Section (CSDS) as Geospatial Information Systems (GIS) and .NET solutions assistant to design and develop integrated GIS solutions for UN Peace Keeping and other UN customers, in the United Nations Global Service Center (UNGSC) base in Brindisi, Italy.

This is a position with UNOPS for supporting the Project Management Office (PMO) for programmes and projects carried out for or in the United Nations Secretariat, UNGSC field missions and other supported entities.

Within the SGITT- GIS Unit and under the supervision of the ICT Senior Officer and operationally under the Client Solutions Delivery Manager the incumbent's main responsibilities will include but not be limited to the following:

Assists in refining user requirements and software requirement analysis for new solution functionality, bug fixes and solution enhancements

Assists in design, development and testing of software solutions, and integrate functionalities from internal GIS and external services (ArcGIS map services, GeoCortex applications, Visual Studio (C#), .NET Web API, HTML5, JavaScript, Azure authentication, tracking, public web services, OpenSource, etc.) using Agile and Development, Security, and Operations (DevSecOps) methodology, for desktop and mobile applications

Assists and collaborates with other team members in internal testing and preparation of test scenarios and scripts to automate solution testing and participate in unit, integration and User Acceptance Testing (UAT)

Assists in the implementation of automated solution deployments of software releases using Azure DevOps, Octopus etc.

Assists in the design of database instances for solutions under design and provide support to other team members

Integrates UN security and Operational Resilience (OR) controls into developed solutions, making them in line with security rules and recommendations and enable solution's resilience

Prepares with other team members, solution documentation for testing, implementations, support, monitoring and user's manuals

Collaborates and works closely with other team members in delivering top quality software solutions and participates in solutions production implementation

Assists in the solutions presentation and demos and coordinates with clients to improve functionalities and eliminate software bugs;

Supports in the Analysis, development, testing and implementation of modern desktop and mobile applications

Supports in the development of high quality GIS software solution modules using Agile and DevSecOps

Assists in Data organization and structure optimization in databases used in applications as well as for Business Intelligence purposes (Power BI dashboards)

Supports the implementation and runs solution testing procedures and scripts

Supports the implementation of Software Quality Controls maintaining highest software development standards

Supports in the creation of software technical and user documentation

Supports the development and implementation of automated software delivery procedures. Performs other duties as may be required and in line with the incumbent's scope of services above.

Education/Experience/Language requirements

High school diploma or equivalent is required;

University Degree (Bachelor's or Master's Degree) in areas related to IT may substitute for some of the required number of years of experience.

Certifications:

PRINCE 2 certification is desirable.

ITIL certificate is desirable.

DevOps and Agile software development certifications are desirable.

A minimum of six (6) years of relevant experience (depending on the level of education/training provided) in software development is required.

Experience

Experience using JavaScript and .NET technologies (C#, ASP.NET, WEB API), for medium to complex applications is required.

Desirable: (The following experience is optional. Candidates who do not have it are welcome to apply)

Experience in relational database design and support, design of queries, stored procedures, triggers and database management scripts (MS SQL, MySQL) is highly desirable.

Experience in GIS software development and integration of GIS services (ArcGIS, GeoCortex, Google map services, OpenSource map software and services, etc.) is highly desirable.

Experience in developing mobile applications for Android and IOS is desirable.

Experience in developing with Python and other high-level development languages is desirable. Experience in applying Agile and DevOps methodologies.

Experience with data preparation for Business Intelligence (Power BI) dashboards is desirable. Excellent communication skills is a plus.

Language requirements

Fluency in English (read, write, speak) is required for this position. Knowledge of another official UN language is an advantage.

Contract type, level and duration, duty station

1. Contract type : Fixed Term
2. Contract level : G6
3. Contract duration : One year initially, renewable subject to satisfactory performance and funding availability'

Duty station: **BRINDISI-ITALY**

How to apply Submit your application via the UNOPS roster at the following link :
<https://jobs.unops.org/pages/viewvacancy/VADetails.aspx?id=21576&media=print> and send an email to eurespuglia@regione.puglia.it to keep us informed about