

**THE UNITED REPUBLIC OF TANZANIA**



**PRESIDENT'S OFFICE  
PUBLIC SERVICE RECRUITMENT SECRETARIAT**

**Ref.No.JA.9/259/01/A/118**

**23<sup>rd</sup> June, 2022**

**VACANCY ANNOUNCEMENT**

On behalf of Public Procurement Regulatory Authority (PPRA), Public Service Recruitment Secretariat (PSRS) invites dynamic and suitable qualified Tanzanians to fill three **(3)** vacant posts as mentioned below;

**1.0 PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)**

The Public Procurement Regulatory Authority (PPRA) is a regulatory body established under the Public Procurement Act, 2004 as repealed by the Public Procurement Act, 2011. The Authority is charged with regulatory functions and vested with oversight powers and responsibilities on all public procurement activities carried by all public bodies in the mainland Tanzania.

The objectives of PPRA are to ensure the application of fair, competitive, transparent, non-discriminatory and value for money procurement standards and practices; set standards for the public procurement systems in United Republic of Tanzania; monitor compliance of procuring entities; and build ,in collaboration with Public Procurement Policy Division and other relevant professional bodies, procurement capacity in the United Republic.

The Authority is inviting applications from competent and qualified candidates who are interested to work in a thriving procurement environment for immediate employment to fill the following vacant posts:

## **1.1 ICT OFFICER II (SOFTWARE PROGRAMMER/WEB DEVELOPER)- 2 POSTS**

### **1.1.2 DUTIES AND RESPONSIBILITIES**

- i. To accomplish software application development full lifecycle: -
- ii. To design, code and debug software applications based on various deployment platforms (e.g. web, mobile, desktop, operating systems, programming languages, database management systems, etc);
- iii. To undertake software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis, etc
- iv. To participate in analysis of user requirements, prototyping, development of new functionalities, maintenance of applications, integration of technological components, testing, deployment;
- v. To design, code and debug web and mobile based applications in various software languages;
- vi. To undertake software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis;
- vii. To undertake software testing and quality assurance;
- viii. To install and configure appropriate application servers based on the application programs to be supported;
- ix. To support, maintain, and preparation of technical and user documentations for various software functionalities;
- x. To train and support software users for effective utilization of deployed systems;
- xi. To undertake troubleshooting and resolving routine software application problems;
- xii. To undertake software modelling and simulation;
- xiii. To undertake front end graphical user interface design/programming;
- xiv. To undertake performance tuning, improvement, load balancing, usability, automation;
- xv. To evaluate and identify new technologies for implementation;

- xvi. To work closely with analysts, designers and other staff; and
- xvii. To undertake production system maintenance and support.

### **1.1.3 QUALIFICATIONS AND EXPERIENCE**

- Bachelor of Science/Bachelor in Engineering in one of the following fields; Information Technology, Information system, Computer Science, Computer Engineering or equivalent degree from a recognized institution plus;
- Practical knowledge and experience of at least two (2) years in developing large systems will be an added advantage.
- Strong understanding of the Software Development and deployment methodologies preferably Agile, RAD and DevOps, Working knowledge of various software languages PHP (mandatory), Java (mandatory), C/C++/C, .NET, Python], Strong practical knowledge of Java, JavaScript, PHP, .NET, and Python software programming languages. Advanced knowledge in DHTML, HTML5, CSS and CSS3, Java Script, jQuery, jQuery Mobile, SAPUI5 Photoshop, and Responsive Web Design, Strong knowledge on MySQL and Postgre SQL Database Management Systems, Knowledge on MS SQL Server, Oracle and other DBMS, Conversance with cross platform software such as Flutter and capability to develop Linux based applications, Knowledge and conversance with PCI/DSS requirement in mobile applications software development and Possession of relevant recognized Software developer professional certification will be added advantage.

### **1.1.4 OTHER SKILLS AND COMPETENCIES REQUIRED**

- a Practical skills on Object Oriented Design and Analysis (OOA and OOD);
- b Technical knowledge in determining end-to-end software requirements specification and design;
- c Experience in SOAP/REST/Web Services, Application Servers (IIS, Apache,
- d Apache Tomcat, Web Logic, etc.);
- e Experience and knowledge in Spring Framework (Spring MVC) and other similar application development frameworks;
- f Hands-on experience with git;

- g Hands-on experience with development in Java/JEE environments;
- h Experience/knowledge on XML, JSON, JWTZ and other similar data exchange protocols;
- i Knowledge in containerization and micro services application development approaches; and
- j Ability to work both front end and back end for developing APIs.

**1.1.5 SALARY SCALE:** As per PPRA salary scale.

## **1.2 ICT OFFICER II (APPLICATION PROGRAMMER/MOBILE APPLICATIONS) –1 POST**

### **1.2.1 DUTIES AND RESPONSIBILITIES**

- i. To accomplish software application development full lifecycle:-
- ii. To design, code, and debug mobile based applications based on various deployment platforms (e.g., USSD, SMS, Android, IOS etc.), operating systems, programming languages, database management systems, software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis, etc;
- iii. To provide Administration, Operation and Maintenance support of Tanzania National e-Procurement System Mobile Application and other mobile Applications in PPRA System;
- iv. To assist and participate in analysis of user requirements, prototyping, development of new functionalities, maintenance of applications, integration of technological components, testing, deployment;
- iv. To design, code and debug SMS, USSD and mobile based applications in various software languages,
- v. To support, maintain and document software functionality;
- vi. To install and configure appropriate application servers based on the application programs to be supported;
- vii. To support, maintain, and prepare technical and user documentations for various software functionalities;

- viii. To undertake software testing and quality assurance;
- ix. To perform tuning, improvement, load balancing, usability, automation and
- x. To produce detailed technical specifications and software code documentation.

### **1.2.2 QUALIFICATIONS AND EXPERIENCE**

- Bachelor of Science/Bachelor of Engineering in one of the following fields; Information Technology, Information System, Computer Science, Computer Engineering or equivalent degree from a recognized institution.
- Practical knowledge and experience of at least two (2) years in developing large systems will be an added advantage.
- Working knowledge of various software languages [PHP (mandatory), Java (mandatory), C/C++, .NET, Python], Strong knowledge on PostgreSQL and MySQL Database Management Systems; Knowledge on MS SQL Server, Oracle and other DBMS, Practical knowledge in designing and development of chat BOTs and Payment Systems, Conversance with PCI/DSS requirement in software development, practical knowledge and skills relevant to the position, and possession of relevant recognized Software developer professional certification will be added advantage.

### **1.2.3 OTHER SKILLS AND COMPETENCIES REQUIRED**

- i. Strong understanding of the Software Development and deployment methodologies preferably Agile, RAD and DevOps;
- ii. Experience in design and development of SMS/ USSD/iOS and Android based applications;
- iii. Experience in installation and administration of SMS, USSD and IVR Platforms;
- iv. Technical knowledge in determining end-to-end software requirements specification and design;
- v. Practical skills on Object Oriented Design and Analysis (OOA and OOD);
- vi. Knowledge in approaches containerization and micro services application development;
- vii. Working knowledge of Linux and Unix Server platforms;

- viii. Experience in SOAP/REST/Web Services, Application Servers (Apache, Apache Tomcat, Web Logic etc);
- ix. Experience in Spring Framework (Spring MVC) and other similar application development frameworks;
- x. Hands-on experience with Jenkins, Git, Junit;
- xi. Experience/knowledge on JSON, XML, JWTZ and other similar data exchange protocols;
- xii. Familiarity with software code versioning and repository systems; and
- xiii. Ability to work both front end and back end for developing APIs.

#### **1.2.4 SALARY SCALE:** As per PPRA salary scale

#### **GENERAL CONDITIONS**

- i. All applicants must be Citizens of Tanzania with an age not above 45 years of age except for those who are in Public Service;
- ii. Applicants must attach an up-to-date Curriculum Vitae (CV) having reliable contacts; postal address/post code, e-mail and telephone numbers;
- iii. Applicants should apply on the strength of the information given in this advertisement;
- iv. Applicants must attach their certified copies of the following certificates :-
  - Postgraduate/Degree/Advanced Diploma/Diploma/Certificates;
  - Postgraduate/Degree/Advanced Diploma/Diploma transcripts;
  - Form IV and Form VI National Examination Certificates;
  - **Professional Registration and Training Certificates from respective Registration or Regulatory Bodies, (where applicable);**
  - Birth certificate;
- v. Attaching copies of the following certificates is strictly not accepted :-
  - Form IV and form VI results slips;
  - Testimonials and all Partial transcripts;
- vi. An applicant must upload recent Passport Size Photo in the Recruitment Portal;
- vii. An applicant employed in the Public Service should route his application letter through his respective employer;

- viii. An applicant who is retired from the Public Service for whatever reason should not apply;
- ix. An applicant should indicate three reputable referees with their reliable contacts;
- x. Certificates from foreign examination bodies for Ordinary or Advanced level education should be verified by The National Examination Council of Tanzania (NECTA).
- xi. Professional certificates from foreign Universities and other training institutions should be verified by The Tanzania Commission for Universities (TCU) and National Council for Technical Education (NACTE);
- xii. An applicant with special needs/case (disability) is supposed/advised to indicate;
- xiii. A signed application letter should be written either in Swahili or English and Addressed to Secretary, Presidents Office, Public Service Recruitment Secretariat, **P.O. Box 2320, Utumishi Building at University of Dodoma – Dr. Asha Rose Migiro Buildings - Dodoma.**
- xiv. Deadline for application is **6<sup>th</sup> July, 2022**;
- xv. Only shortlisted candidates will be informed on a date for interview and;
- xvi. Presentation of forged certificates and other information will necessitate to legal action;

*NOTE: All applications must be sent through Recruitment Portal by using the following address; <http://portal.ajira.go.tz> and not otherwise (This address also can be found at PSRS Website, Click 'Recruitment Portal')*

**Released by:**

**SECRETARY**

**PUBLIC SERVICE RECRUITMENT SECRETARIAT**



***Jiandae kuhesabiwa siku ya jumanne tarehe 23 Agosti, 2022***