

**PAPUA NEW GUINEA PUBLIC SERVICE****JOB DESCRIPTION****1. IDENTIFICATION**

AGENCY: Information and Communication Technology	SYS. POSN. NO:	REF. NO:
OFFICE: TISA RUMA	DESIGNATION/CLASSIFICATION: Software Developer	
DIVISION: Digital Government	LOCAL DESIGNATION: Software Developer	
BRANCH: PMU	REPORTING TO: Manager Media and Government Website	SYS. POS. NO:
SECTION: PMU	LOCATION: TISA RUMA BUILDING, ISLANDER	

HISTORY OF POSITION

FILE REF.	DATE OF VARIATION	DETAILS
Org.	3/30/2023	Short Term Contract

2. PURPOSE

2.1 The Software Developer will be responsible for designing, developing, testing, and maintaining software applications that support the digital government initiatives within the Digital Government and Information Delivery Wing of the PNG Department of Information and Communications Technology.

3. DIMENSIONS

The Software Developer will work on multiple digital government projects, contributing to the overall efficiency and effectiveness of digital service delivery to citizens, businesses, and other stakeholders.

4. PRINCIPAL ACCOUNTABILITIES

The Software Developer will be accountable for the successful design, development, and deployment of software applications and systems, ensuring that these solutions align with the strategic objectives of the department and digital government initiatives.

5. MAJOR DUTIES

- Analyze project requirements and develop software applications that meet those needs
- Design, code, test, and debug software applications
- Maintain and improve existing software solutions
- Collaborate with other developers, project managers, and stakeholders to ensure project success
- Provide technical support and troubleshooting for software applications
- Document software design, development, and maintenance processes
- Stay current with industry best practices and emerging technologies

6. NATURE AND SCOPE

6.1 WORKING RELATIONSHIP

Internal

Work closely with colleagues within the Digital Government and Information Delivery Wing, project managers, and other technical staff in the department.

External

Liaise with external stakeholders, including government agencies, private sector partners, and vendors, to ensure seamless integration and deployment of software solutions.

6.2 WORK ENVIRONMENT

The Software Developer will work in an office setting, with occasional travel to other locations as required by project needs.

7. CONSTRAINTS FRAMEWORK AND BOUNDARIES

Rules/procedures

- Adhere to departmental policies, guidelines, and best practices in software development.

Decision

- Make technical decisions within the scope of assigned projects and in line with departmental guidelines and objectives.

Recommendations

- Provide recommendations on software solutions, tools, and technologies to improve the department's digital service delivery capabilities.

8. CHALLENGES

- Balancing multiple projects with competing priorities and deadlines
- Ensuring clear and accurate communication of business requirements among diverse stakeholders
- Keeping up with the rapidly changing landscape of digital government initiatives and technology

9. QUALIFICATIONS, EXPERIENCES AND SKILLS

(a) Qualifications

- A Bachelor's degree in Computer Science, Information Technology, or a related field.

(b) Knowledge

- Strong knowledge of software development principles, programming languages, and frameworks. Familiarity with digital government initiatives and policies is an asset.

(c) Skills

- Excellent problem-solving, analytical, and communication skills. Ability to work effectively in a team and independently.

(d) Work Experience

- At least 3 years of relevant experience in software development, preferably in a government or public sector setting.