**PUBLICATION OF VACANT POSITION**
**Institutional Contract of Service (Manpower Agency)**

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| **POSITION** | : | Project Technical Specialist I (IOT Engineer) |
| **SALARY GRADE** | : | 16 |
| **NO. OF POSITIONS AVAILABLE** | : | 1 |
| **LOCATION** | : | DOST-ASTI/ Quezon City |
| **JOB QUALIFICATION** | : | |
| Education | : | Bachelor's/College Degree related to Engineering courses such as Electronics and Computer Engineering |
| Experience | : | One (1) year of relevant experience |
| Training | : | At least 4 hours relevant training |
| Eligibility | : | None required |

**RESPONSIBILITIES:**
Under general supervision and direction, HE/SHE shall perform the following:

- Design and implement IoT solutions integrated with existing application platforms.
  - Build high-quality, innovative IoT applications.
  - Write detailed technical documentation for the operation of IoT devices and systems.
- Perform analytical troubleshooting to resolve system, application, and device errors.
- Perform root cause analysis for production and fabrication embedded systems errors.
- Stay updated with emerging IoT and technology trends and advancements.
- Write and maintain clean, efficient and reliable code in various programming languages
- Design well-crafted, testable and maintainable digital and analog circuits
- Conduct design simulations and analysis
- Collaborate with team members to ensure seamless integration of the whole system
- Participate in the Assembly, Integration and Testing (AIT) activities as well as field deployments
- Generate innovative designs with potential for patent, utility model, or industrial design and support documents preparations for IP registrations
- Draft technical papers for submission and publication to scientific journals or conferences
- Participate in conducting site visits and field-related deployments
- Work with internal, external partners, and stakeholders to define project requirements and timelines
- Develop technical documentation of written source code and hardware development
- Participate in meetings with the system development team to give status updates on assigned tasks
- Proactively collaborate with other team members in delivering the system requirements
- Design user interaction models, workflows and user interfaces



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- Perform hands-on programming tasks, such as prototyping, feature development, bug fixing, testing across multiple browsers/platforms
- Advocate for best practices, coding W3C standards, great usability and exceptional quality, with awareness of client needs and priorities
- Translate exchange specifications and build systems' prototype
- Produce system's manuals and technical documentation
- Ensure system features behave according to specifications by conducting unit test, integration test and regression test
- Write documentation, e.g. user manual, technical documentation
- Perform other tasks as may be assigned from time to time
- Report to work on time.

**APPLICATION:**

1. Accomplish the Application Form through this link: DOST-ASTI Application Form AqWaNetIO – Fill out form
2. Interested applicants should submit a letter of intent addressed to ALVIN E. RETAMAR, aqwanet@asti.dost.gov.ph, with a copy furnished to careers@asti.dost.gov.ph. Please use the subject line format: [AqWaNetIO] <position> | LN, FN (e.g., [AqWaNetIO] Project Technical Specialist I | Dela Cruz, Juan). Applicants must also submit the following:

:

1. Updated Personal Data Sheet;
2. Diploma and TOR;
3. Certificate/s of employment; and
4. Training certificate/s.

**APPLICATION DEADLINE:** 02 November 2026

**IMPORTANT NOTES:**

- Only applications with complete requirements including an accomplished **Application Form (link cited above)** shall be processed.
- Application documents should be in Portable Document Format *(.pdf)* with proper file name.
- Applicants who are interested in applying to various vacancies must submit separate applications for each vacant position.
- Due to the volume of applications received by this Agency, we will be inviting only those who are shortlisted to proceed with the recruitment process.

As an advocate of the Equal Employment Opportunity Principle (EEOP), the DOST-Advanced Science and Technology Institute encourages and welcomes all applicants regardless of age, religion, or political affiliation including persons with a disability, members of indigenous communities, and those from any sexual orientation and gender identities.

**DOST-ASTI Privacy Notice**: All personal information contained in any document received or transmitted herein shall be used solely for documentation and processing purposes within the DOST-ASTI and shall not

be shared with any outside parties, unless with your written consent. We are committed to protect personal data in accordance with R.A. 1073 (Data Privacy Act of 2012). All personal information shall be retained and stored by the DOST-ASTI within a time period in accordance with the National Archives of the Philippines' General Disposition Schedule.

**----------*****Nothing Follows*****----------**