



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY  
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



POSITION	:	Project Technical Specialist I (Software Full Stack Developer)
SALARY GRADE	:	SG 16
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Solutions and Services Engineering Division /AqWaNetIO Project
JOB QUALIFICATION	:	
Education	:	Bachelor's/College Degree of any IT related course such as Computer Science, Information Technology, etc.
Experience	:	1 year of relevant experience
Training	:	4 hours of relevant experience
Eligibility	:	None Required
Other Requirements	:	<ul style="list-style-type: none"><li>• Candidate must possess at least a Bachelor's/College Degree of any IT related course such as Computer Science, Information Technology, etc.</li><li>• Understanding of the generic Software Development Lifecycle stages and the processes under each stage</li><li>• Proficient in Object Oriented Programming</li><li>• Knowledge in various programming languages such as Java, Python, HTML, JavaScript, and CSS W3C standards compliant (recent graduates with a strong portfolio will also be considered)</li><li>• Proficient in using Operating Systems such as Linux</li><li>• Knowledge in database management system, SQL and No-SQL databases</li><li>• Knowledge in working with APIs via REST and JSON is a plus</li><li>• Experience in version control system such as Git</li><li>• Must be a team player, communicator, adaptable and self-motivated</li><li>• Good communication skills</li><li>• Must be able to work well with a team, communicates well with the group, adaptable to circumstances, self-motivated, teachable and fast learner</li><li>• Can work with minimal supervision</li><li>• Must be willing to do field work and field deployment</li><li>• Must be willing to work in Quezon City</li></ul>

**RESPONSIBILITIES:**

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

- Install and configure local Django installation for back-end development
- Install and configure Anaconda Python package manager for Python back-end development

- Implement Django-based Web application back-end functionalities that will integrate with developed front-end solutions
- Implement Django-based API application endpoints
- Install and configure local installations of NGINX, Gunicorn, and PostgreSQL for integration with the back-end source code
- Perform unit tests for written back-end source code
- Develop technical documentation of written back-end source code for the Web application and API application
- Participate in regular meetings to give status updates on assigned software development tasks
- Proactively collaborate with other team members in delivering the system and software requirements
- Designing user interaction models, workflows and user interfaces
- 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
- 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 **Mr. ALVIN E. RETAMAR, Chief, Solutions and Services Engineering Division**, and send the application to [aqwanet@asti.dost.gov.ph](mailto:aqwanet@asti.dost.gov.ph), cc: [careers@asti.dost.gov.ph](mailto:careers@asti.dost.gov.ph) and [ted.penas@asti.dost.gov.ph](mailto:ted.penas@asti.dost.gov.ph) along with the following:
  1. Updated Personal Data Sheet;
  2. Diploma and TOR;
  3. Certificate/s of employment; and
  4. Training certificate/s.

#### **APPLICATION DEADLINE: 05 June 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 (EEO), 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.

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