PUBLICATION OF VACANT POSITION
(Project-Based)
Platform Component

POSITION	:	Project Technical Specialist I (Software Back-end Developer)
SALARY GRADE	:	SG 16
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	N/A
Education	:	At least a bachelor's degree in Computer Science, Information Technology, Computer Engineering, or any of the allied fields.
Experience	:	1 year of relevant experience in web development or software development.
Training	:	At least 4 hours relevant training Certifications in AI-related fields (Google TensorFlow Developer, AWS ML Specialty, Microsoft AI Engineer) are a plus.
Eligibility	:	N/A
Other Requirements	:	• Has good understanding and experience of the generic Software Development Lifecycle stages and the processes under each stage • Skilled in object-oriented Web application programming in Python, Django, Flask • Knowledgeable in developing application software in Microsoft Windows or Linux operating system • Knowledgeable in SQL programming using PostgreSQL • Knowledgeable in using Python package management tools such as Anaconda and Python environment • Skilled in integrating PostgreSQL with Django and Flask • Knowledgeable in using Git for versioning of source code • Knowledgeable in developing API applications using REST and JSON • Knowledgeable in AI model inferencing, its integration to application software, its computing capacity requirements, and the system deployment environment that could support these requirements

Postal Address : DOST-ASTI Bldg., UP Technology Park Complex
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Award Level 1 (2024)
TÜVRheinland CERTIFIED
Management System ISO 9001:2015
www.tuv.com ID 9000037408

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,
- Collaborate with business analyst, front-end developer, and API designer in identifying back-end functionalities that need to be implemented,
- Collaborate with the AI engineers in integrating the developed machine learning models into the API application,
- Collaborate with the system administrator in deploying the developed Django-based Web application and API application,
- Develop technical documentation of written back-end source code for the Web application and API application,
- Participate in regular Scrum stand-up meetings with the system development team to give status updates on assigned software development tasks,
- Proactively collaborate with other team members in delivering the system requirements,
- Report to work on time,

APPLICATION:

1. Accomplish the Application Form through this link: DOST-NAIRA_PTS I

2. Interested applicants should submit a letter of intent addressed to Ms. JOANNA G. SYJUCO, Computer Software Division, Division Chief. Applicants must submit their letter at vanesa@asti.dost.gov.ph and marionnedenise.lopez@asti.dost.gov.ph cc: careers@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: 25 SEPTEMBER 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*****----------**