POSITION	:	Project Technical Specialist IV (Backend Developer)
SALARY GRADE	:	SG 19
NO. OF POSITIONS AVAILABLE	:	1
LOCATION	:	Computer Software Division
JOB QUALIFICATION	:	N/A
Education	:	Bachelor's degree or higher in Computer Science, Software Engineering, or a related field, with expertise in backend development and API design.
Experience	:	2 years of relevant experience in backend development, RESTful APIs, and database management. Strong proficiency in Python (FastAPI, Django, Flask), Node.js, or Go.
Training	:	8 hours of relevant training in backend frameworks, API security, or cloud deployment.
Eligibility	:	None required

Other Requirements :

- Proficient in Python and familiar with AI frameworks such as TensorFlow or PyTorch. Experience with data visualization tools and statistical software is highly regarded
- Demonstrated experience in applying machine learning techniques to large datasets, preferably in the context of atmospheric or environmental science
- Proven track record of research in relevant fields and experience in writing for peer-reviewed journals
- Excellent written and verbal communication skills, capable of presenting complex concepts to diverse audiences
- Must have strong analytical and problem-solving skills with the ability to apply theoretical knowledge practically in solving complex problems
- Must be capable of clearly articulating complex concepts and results to both technical and non-technical audiences
- Ability to work effectively in interdisciplinary teams, displaying strong collaboration and interpersonal skills.
- Must be a team player, communicator, adaptable and self-motivated
- Self-motivated and willing to learn.
- Can work with minimal supervision
- Hardworking and has a time management skill
- Must be agreeable to following office rules and guidelines
- Applicants must be willing to work in Quezon City
- Candidates should be prepared to work in variable conditions and commit to project timelines and objectives

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RESPONSIBILITIES:

Under the supervision of the Project Leader, HE/SHE shall perform the following:

- Design, develop, and maintain RESTful and GraphQL APIs for AI-driven applications;
- Implement scalable, high-performance backend systems using microservices architecture;
- Work with databases (SQL, NoSQL), caching mechanisms, and message queues (Kafka, RabbitMQ);
- Ensure API security, authentication (OAuth, JWT), and data privacy compliance;
- Optimize system performance and troubleshoot backend issues;
- Assist the project management team in the coordination and communication with the team, funding agency, and the project stakeholders;
- Work closely with the project leader and the project manager regarding the plans, requirements, concerns, problems, and other matters
- Participate in events and other activities (e.g., exhibits, meetings, workshops/trainings) necessary in the implementation of the project;
- Carry out other tasks as may be required by the project;
- Report to work on time.

APPLICATION:

Interested candidates are required to submit a detailed CV, a cover letter expressing interest and fit for the role, and copies of relevant publications or research papers. Applications should be directed to the **elmer@asti.dost.gov.ph** by **30 April 2025** along with the following:

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

APPLICATION DEADLINE: 30 April 2025

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