



ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

PUBLICATION OF VACANT POSITION

POSITION	:	Project Technical Specialist IV (Frontend 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, Human-Computer Interaction, UI/UX Design, or a related field, with expertise in frontend frameworks and user experience design.
Experience	:	2 years of relevant experience in frontend development, responsive web design, and UI/UX engineering. Experience in developing web applications with modern JavaScript frameworks such as React, Vue.js, or Angular.
Training	:	8 hours of relevant training in modern frontend frameworks, UI/UX design, web accessibility, or design systems.
Eligibility	:	None required
Other Requirements	:	<ul style="list-style-type: none"> • Technical Expertise: <ul style="list-style-type: none"> ◦ Proficiency in JavaScript, TypeScript, HTML5, CSS3, and modern frontend libraries. ◦ Experience in state management solutions (Redux, Vuex, Zustand, or Recoil). ◦ Familiarity with responsive and adaptive design principles, ensuring cross-platform compatibility. ◦ Knowledge of RESTful APIs, GraphQL, and WebSockets for real-time AI-driven interactions. ◦ Experience with frontend build tools (Webpack, Vite, Babel) and CI/CD pipelines. ◦ Strong understanding of UI/UX design tools (Figma, Adobe XD, Sketch) and wireframing. ◦ Experience with frontend performance optimization, SEO best practices, and accessibility compliance (WCAG 2.1). • AI & Data Visualization: <ul style="list-style-type: none"> ◦ Experience integrating AI-driven UI components and visualization tools (D3.js, Chart.js, Plotly, Three.js). ◦ Familiarity with AI-assisted design principles and interactive AI interfaces. • Soft Skills & Collaboration: <ul style="list-style-type: none"> ◦ Ability to work closely with backend developers, AI engineers, and UI/UX designers. ◦ Strong problem-solving skills and attention to detail in user-centric design. ◦ Ability to communicate technical concepts to non-technical stakeholders.

RESPONSIBILITIES:

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

- **Frontend Development & UI Design:**
 - Develop and maintain interactive, responsive web applications for AI interfaces.
 - Implement modern UI/UX best practices, ensuring a seamless user experience.
 - Develop dynamic dashboards and AI visualization tools.
- **API Integration & Data Handling:**
 - Work with backend engineers to consume and display data from RESTful APIs and WebSockets.
 - Ensure real-time interactions with AI models using API calls.

- Performance Optimization & Security:
 - Optimize frontend applications for speed, efficiency, and security.
 - Implement SEO-friendly and accessible designs following WCAG standards.
- Collaboration & Documentation:
 - Work with UI/UX designers to translate wireframes into high-quality user interfaces.
 - Document frontend architecture, design decisions, and best practices.
- Other Tasks as Assigned:
 - Participate in team discussions, hackathons, and AI-related projects.
 - Stay updated with latest frontend technologies and UI/UX trends.

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 vanesa.osiana@asti.dost.gov.ph, daphne.padilla@asti.dost.gov.ph, cc careers@asti.dost.gov.ph by **26 June 2025** along with the following:

APPLICATION: <https://forms.office.com/r/K5QXVmZzGx>

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: 26 June 2025

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