



## ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

### PUBLICATION OF VACANT POSITION

<b>POSITION</b>	:	Project Technical Specialist IV (Frontend Developer)
<b>SALARY GRADE</b>	:	SG 19
<b>NO. OF POSITIONS AVAILABLE</b>	:	1
<b>LOCATION</b>	:	Computer Software Division
<b>JOB QUALIFICATION</b>	:	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"><li>• <b>Technical Expertise:</b><ul style="list-style-type: none"><li>◦ Proficiency in JavaScript, TypeScript, HTML5, CSS3, and modern frontend libraries.</li><li>◦ Experience in state management solutions (Redux, Vuex, Zustand, or Recoil).</li><li>◦ Familiarity with responsive and adaptive design principles, ensuring cross-platform compatibility.</li><li>◦ Knowledge of RESTful APIs, GraphQL, and WebSockets for real-time AI-driven interactions.</li><li>◦ Experience with frontend build tools (Webpack, Vite, Babel) and CI/CD pipelines.</li><li>◦ Strong understanding of UI/UX design tools (Figma, Adobe XD, Sketch) and wireframing.</li><li>◦ Experience with frontend performance optimization, SEO best practices, and accessibility compliance (WCAG 2.1).</li></ul></li><li>• <b>AI &amp; Data Visualization:</b><ul style="list-style-type: none"><li>◦ Experience integrating AI-driven UI components and visualization tools (D3.js, Chart.js, Plotly, Three.js).</li><li>◦ Familiarity with AI-assisted design principles and interactive AI interfaces.</li></ul></li><li>• <b>Soft Skills &amp; Collaboration:</b><ul style="list-style-type: none"><li>◦ Ability to work closely with backend developers, AI engineers, and UI/UX designers.</li><li>◦ Strong problem-solving skills and attention to detail in user-centric design.</li><li>◦ Ability to communicate technical concepts to non-technical stakeholders.</li></ul></li></ul>

#### 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](mailto:vanesa.osiana@asti.dost.gov.ph), [daphne.padilla@asti.dost.gov.ph](mailto:daphne.padilla@asti.dost.gov.ph), cc [careers@asti.dost.gov.ph](mailto: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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