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27-Sep-2024

Web Platforms Engineer Technician: Frontend (FWS Eligible)

Student Worker IV

104978BR

Job Description

The Enterprise Technology (ET) Development team at ASU is seeking a motivated individual to join our high-performing team. ASU is a leader in Higher Education and recognized by US News and World Report as number one in the U.S. for innovation every year since 2016. ET is at the forefront of developing IT platforms and tools that enable student success and add value to the student experience.

The Web Platforms Engineer contributes to furthering ASU's global engagement by leveraging their expertise to help build, maintain and modernize the university's web presence and contribute to the web platforms development efforts within the university.

This role will work closely and collaboratively with stakeholders and UX teams to design, create, develop, enhance and maintain web platforms and products that support and promote web standards used across the university with a focus on frontend development and design systems based in React and Bootstrap, and interfacing with our CMS platforms.

Student Recruitment Type

Student Hire Hourly

Department Name

ET Software Engr Web Plat

VP Code

ASU Enterprise Technology

Campus/Location

Campus: Tempe

Full-Time/Part-Time

Part-Time

Scope of Search

Open

Grant Funded Position

This is not a grant funded position and is not contingent on future grant funding.

Salary Range

Close Date

https://sjobs.brassring.com/TGnewUI/Search/home/HomeWithPreLoad?partnerid=25620&siteid=5495&PageType=JobDetails&jobid=5006654#jobDetails=5006654...

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\$20.00 per hour

17-October-2024

Essential Duties

- Develops frontend components and applications, integrating them with existing build processes and systems within web platforms.
- Maintains and builds upon technical skills related to frontend development (React is preferred but not required).
- Applies knowledge of modern web development best practices, focusing on standards-based approaches.
- Understands and implements web accessibility best practices and standards.
- Engages in basic web services/integration tasks as part of a team.
- Meets project deadlines while communicating clearly and managing expectations.
- Collaborates with product teams, service teams, and other stakeholders within the university's web community.
- Effectively communicates ideas and solutions to team members, clients, and other stakeholders.
- Participates in professional development opportunities, identifying areas for growth in technical skills.
- Organizes and manages personal tasks and priorities in line with team goals, leadership expectations, and project deadlines.

Minimum Qualifications

This classification is limited to teaching/research aide type work or those positions requiring highly specialized skills and/or technical knowledge.

Desired Qualifications

- Has participated in Fulton Schools of Engineering FACE program in prior year
- Currently enrolled as a student pursuing a degree in Computer Science, Information Technology, or a related field.
- Strong analytical and problem-solving skills with the ability to learn and adapt quickly.
- Excellent communication and teamwork skills.
- Detail-oriented and able to prioritize tasks effectively.

The ideal candidate will possess knowledge of web based application development, emphasizing frontend development. Experience with CMS/backend development and/or AWS or other cloud platforms would also be appreciated. Preference will be given to those able to demonstrate knowledge and experience with:

- Understanding of web platforms and how they function within modern development.
- Familiarity with design systems and standards-driven development approaches.
- Experience or coursework in modern JavaScript (React is preferred but not required).
- Awareness of web accessibility standards, particularly WCAG 2.1 compliance.
- Demonstrated problem-solving skills and a collaborative approach to finding solutions.
- Basic knowledge of Agile development principles.
- Experience with HTML5 and CSS3.
- Familiarity with JavaScript module bundlers (Webpack, Vite, Rollup, or similar tools).
- Exposure to Continuous Integration (CI) practices and tools like Jenkins and Docker through coursework or projects.
- Awareness of Test-Driven Development (TDD) concepts.
- Understanding of mobile and responsive web design principles.
- Basic knowledge of cloud services such as AWS, Azure, or Google Cloud.
- **Familiarity with Drupal or WordPress theme development is a plus.**
- Exposure to web service integrations and working with APIs.
- Experience using Git and GitHub, including working with multiple branches. (Experience with Monorepos and preparing packages as a library to be consumed by the ASU community).
- Familiarity with ticketing systems like JIRA (or similar).
- Basic understanding of databases and SQL.
- Awareness of web performance and scalability considerations.
- Effective communication skills, especially with team members, stakeholders, and end-users.
- Ability to manage time and tasks efficiently across multiple projects.
- Understanding of secure web programming techniques and best practices.

Working Environment

- Work environment is a regular, climate controlled office setting subject to extended periods of sitting, standing, walking.
- Use office equipment including a desktop computer.
- Lift up to 20 pounds.
- Clearly communicate to perform essential duties.
- Receive regular review of completed tasks.

Department Statement

Enterprise Technology (ET) embraces its role as both an enabler and catalyst for advancing the vision and work of the New American University. We are a values-driven organization. Our

commitments are reflected in all of the work we do in pursuit of operational excellence, the experience and delight of our community, and our strategic and innovation initiatives. Applicants must be eligible to work in the United States. **Join the team that sparks human-centered innovation.**

ET is a rapidly reconfigurable and entrepreneurial organization at ASU that prioritizes and executes to meet the needs of our community of learners, faculty, researchers and staff. Our work emphasizes autonomy, flexibility and distributed decision-making to leverage the strengths of individuals. Together, we embrace a culture that nurtures, engages and embraces diverse voices with a shared lens of positive community impact and expanded opportunities for collaboration.

ASU Statement

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 100,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

ASU is a tobacco-free university. For details visit <https://wellness.asu.edu/explore-wellness/body/alcohol-and-drugs/tobacco>

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law.

Notice of Availability of the ASU Annual Security and Fire Safety Report

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU PD at 480-965-3456.

Relocation Assistance – For information about schools, housing child resources, neighborhoods, hospitals, community events, and taxes, visit <https://cfo.asu.edu/az-resources>.

Background Check Statement

ASU conducts pre-employment screening for all positions which includes a criminal background check, verification of work history, academic credentials, licenses, and certifications. Employment is contingent upon successful passing of the background check.

Instructions to Apply

Application deadline is 3:00PM Arizona time on the date indicated.

Please include all employment information in month/year format (e.g., 6/88 to 8/94), job title, job duties and name of employer for each position.

Resume should clearly illustrate how prior knowledge and experience meets the Minimum and Desired qualifications of this position.

ASU does not pay for travel expenses associated with interviews, unless otherwise indicated.

Only electronic applications are accepted for this position.

IMPORTANT NOTE: What is the meaning of “equivalent combination” in the minimum qualifications? It means one year of higher education or 24 credit hours, is equal to one year of experience. For example, a four year Bachelor’s degree is equal to four years of experience.

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