

Senior Libraries Web Developer

The University of Oklahoma Libraries seeks to recruit a Senior Libraries Web Developer. Working as a member of the University Libraries' Digital Strategies & Innovation division and reporting to the CID Technical Manager, the Senior Web Developer is responsible for the development and maintenance of the libraries' websites, including libraries.ou.edu, which supports over 1.3 million views per year from users with a wide variety of information and research needs and provides access to many of the core research tools used on campus.

The Senior Libraries Web Developer is the libraries' primary Drupal ecosystem expert, tracking product features, security vulnerabilities, possible alternatives, and the overall upstream roadmaps for our key web platforms. This position is a contributing expert on web accessibility and usability measures for all library platforms, ensuring compliance with legal ADA, WCAG 2.1 AA, and Section 508 requirements and best practices. This position and the required expertise are critical to ensuring the libraries' website serves as a functional and easy-to-navigate gateway to the libraries' online resources, and ensuring the websites are compliant with accessibility standards.

Position Responsibilities:

CMS and Libraries Site Development

- Collaborates in creating, maintaining, and updating our web sites and related applications. Directs or performs website updates and edits, writes, or designs website content. Confers with OU Libraries teams to resolve conflicts, prioritize needs, develop content criteria, or choose solutions.
- Maintains and understands the latest Web applications and programming practices through education, study, and participation in conferences, workshops, and groups.
- Acts as our primary Drupal ecosystem expert, tracking product features, security vulnerabilities, possible alternatives, and the overall upstream roadmaps for our key web platform.
- Identifies problems uncovered by customer feedback and testing and corrects or refers problems to appropriate personnel for correction.
- Determines user needs by analyzing technical requirements and working with stakeholders to identify user and system requirements for new sites, features, or applications.
- Create prototypes and wireframes to support feature planning and design decisions. Work with stakeholders and designers on designs, including UI/UX elements.
- Designs, builds, and maintains website and software applications. Uses scripting or authoring languages, management tools, content creation tools, applications, and digital media including PHP, JavaScript, HTML, web services, APIs, databases, etc. to customize, automate, and extend OU Libraries Drupal sites.
- Integrates OU Libraries sites with internal and external systems (SSO, Primo/Alma, EZproxy, ILLiad, SpringShare, etc.) to support library functions and ensure a consistent user experience.
- Evaluates code to ensure it meets industry standards, including those for accessibility and security, is valid, is properly structured, and is compatible with browsers, devices, or operating systems.

- Pairs with other developers and conduct code reviews to facilitate knowledge transfer and code quality.
- Develops or validates test routines and schedules. Ensures test cases mimic external interfaces and address all browser and device types. Performs unit and system testing.
- Provides application support including handling user questions and queries, investigating and solving system problems, and supporting library staff in evaluating and adopting technology related to the functions of the position.

Libraries Web Infrastructure Support

- Works as a member of the technical team to apply software or system upgrades and implement application-specific backup and recovery plans to ensure both organizational continuity and the long-term availability and fixity of digital assets and backs up sites for recovery.
- Prepares and maintains functional and technical specification documents, as well as instructional and operation documentation for infrastructure, code, system configuration, and workflows.
- Provides internal consulting and defines standard practices on topics related to web development, and Drupal.
- Performs related duties as assigned to successfully fulfill the functions of the position.

Analytics and Insights

- Administers data collection, reporting, and notification tools (Google Analytics, etc.) in support of operational awareness of system performance and usage metrics.
- Performs data-driven analysis of sites to drive continuous improvement of accessibility and usability of web resources.
- Assists colleagues and partners with metrics reporting and visualization of analysis of web resources.

Campus Contributions and Professional Activity

- May participate in library and university committees.
- May publish and present work-related topics and research.
- May serve and participate in professional activities at the local, state, regional, national, and international levels as appropriate to position and experience.
- Maintains up-to-date professional knowledge and contacts in areas related to primary job assignments.

Qualifications:

Required Education and Experience: Bachelor's Degree, AND:

- 60 months of experience as a Web Developer or related field.

Equivalency/Substitution: Will accept 48 months related experience in lieu of the Bachelor's degree for a total of 108 months related experience.

Skills:

- Excellent oral and written communication skills, including the ability to effectively communicate with end-users of varying technological backgrounds.
- Strong problem-solving abilities.
- Leadership skills to effectively coordinate and motivate project team members
- Strong time management skills, ability to manage multiple projects at once, and ability to meet assigned deadlines.
- Experience developing with content management frameworks (e.g. Drupal, WordPress, etc.).
- Experience developing websites and applications using HTML5, JavaScript, and CSS as well as server site languages (PHP, Python, etc.) and databases.
- Understanding of mobile design UX/UI and responsive design principles.
- Experience in Web Accessibility Standards (ADA, WCAG 2.1 AA, and Section 508 accessibility requirements).
- Ability to learn and support new systems and applications.
- Ability to develop unique web-based tools customized to meet the needs of University Libraries' users and staff.

Preferred Qualifications:

- Experience with the Drupal web content management framework.
- Experience with the Pantheon web hosting platform.
- Experience with or evidence of understanding academic libraries and their users.
- Experience with PHP development and strong knowledge of the PHP ecosystem and related tools.
- Experience with user-centered design processes and methodologies.
- Experience using website analytics tools (e.g. Google Analytics) to create meaningful reports.

Applications

All applications must include a cover letter, resume and list of three professional references. Hiring will be contingent upon submission of academic transcripts. Interested individuals may review the full position description at libraries.ou.edu/jobs. To apply for this position, go to <https://jobs.ou.edu> and search for [job number 243093](#). Best consideration date for applications is January 20, 2025.

About University Libraries

University Libraries seeks to create an atmosphere in which diverse thought and experiences are valued and that promises opportunities to succeed and thrive. Named an “Education Futurist” and recipient of a Campus Technology Innovators Award, the University of Oklahoma Libraries’ award-winning facilities and resources create opportunities for faculty and students to excel. We invest in our organization by recruiting individuals committed to superior user experience and by actively strengthening and expanding our skills and capabilities.

The University of Oklahoma Libraries’ team consists of 16 library faculty, 51 professional staff, and 35 classified staff, as well as graduate and undergraduate assistants. Facilities include the Bizzell Memorial Library located in the heart of campus, Monnet Hall, hosting the Western History Collections, and three branch libraries: Architecture Library, Youngblood Energy Library, and Fine Arts Library. Affiliated OU libraries, not within the administrative oversight of University Libraries, include: the Donald E. Pray Law Library on the Norman campus, Robert M. Bird Health Sciences Library on the Oklahoma City campus, and the Schusterman Library on the Tulsa campus.

The University of Oklahoma Libraries is the largest academic research library in the state of Oklahoma containing more than 5.4 million volumes (including 1.8 million eBooks), 3.6 million microform materials, over 300 databases, and 170,000 serials. Outstanding special collections include the History of Science Collections, with 100,000 volumes; the Western History Collections, with over 12,000 linear feet of manuscripts, 2 million photographs, 80,000 volumes, 2,700 sound recordings, 5,000 cartographic resources, and 580 works of art; the Harry W. Bass Business History Collections, with over 23,000 volumes; the John and Mary Nichols Rare Books and Special Collections, with over 12,000 volumes; and the Chinese Literature Translation Archive, which houses nearly 10,000 volumes and thousands of documents relating to translators of modern Chinese literature in the West.

University Libraries is a member of the Association of Research Libraries, Center for Research Libraries, Coalition for Networked Information, Greater Western Libraries Alliance, Scholarly Publishing and Academic Resources, Council on Library and Information Resources, Digital Public Library of America, HathiTrust, Western Storage Trust, Open Textbook Network, Library Publishing Coalition.

About the University

[The University of Oklahoma](#) serves the educational, cultural, economic, and healthcare needs of the state, region, and nation from three campuses: Norman, Health Sciences Center in Oklahoma City, and Tulsa Schusterman Center. The university is home to over 31,000 students, more than 3,500 faculty and 8,000 staff across all three campuses and is supported by a \$2 billion budget and an endowment of \$1.52 billion. In 2014, OU became the first public institution ever to rank #1 nationally in the recruitment of National Merit Scholars. The 277-acre Research Campus in Norman was named the No. 1 research campus in the nation by the Association of Research Parks in 2013.

The central campus and administrative offices of the University of Oklahoma are located in Norman, a city of more than 120,000 residents. Norman is often cited in “best places to live” rankings and is a culturally rich and vibrant community with outstanding schools, amenities, and a low cost of living. See visitnorman.com for more information about Norman. The state capital,

Oklahoma City, is located 20 miles to the north. With over 1.35 million residents and a unique central plains heritage, the Oklahoma City metro is home to a diverse and lively array of arts, culture, dining, sports, and entertainment. For more information about Oklahoma City, see visitokc.com

Why You Belong at the University of Oklahoma: The University of Oklahoma fosters an inclusive culture of respect and civility, belonging, and access, which are essential to our collective pursuit of excellence and our determination to change lives. The unique talents, perspectives, and experiences of our community enrich the learning, and working environment at OU, inspiring us to harness our innovation, creativity, and collaboration for the advancement of people everywhere.

Equal Employment Opportunity Statement

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations, does not discriminate based on race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. This includes, but is not limited to, admissions, employment, financial aid, housing, services in educational programs or activities, and health care services that the University operates or provides.