Web Application Developer / Senior Web Application Developer

WE TRANSFORM LIVES

Everything we do is designed to improve the quality of life of the people in the state of Illinois, across the nation, and around the world. We discover, develop, translate, and disseminate knowledge to address societal concerns and train the next generation of experts and leaders in a way that empowers them to expand the boundaries of science to higher levels of understanding and influence.

Be a part of our story. Through learning partnerships that extend knowledge and change lives, University of Illinois Extension provides educational programs aimed at making life better, healthier, safer, and more profitable for individuals and their communities. Illinois Extension has operated continuously for more than 100 years connecting the citizens of Illinois to their land-grant university by providing educational programming around the state. University of Illinois Extension is based in the College of ACES and works with all colleges and units of the University of Illinois at Urbana-Champaign.

Position Overview

The Web Application Developer / Senior Web Application Developer serves as a regular, full time, 12-month position with primary responsibility for designing, developing and supporting websites and web applications to enable Extension's outreach mission and internal functions. This includes website development and content management systems, internal business applications, data structures, workflow processes and university systems integration.

One full-time position is available.
Location: Urbana-Champaign Campus / Remote work arrangements may be considered
(Position will be housed at the Urbana-Champaign Campus or a remote work arrangement will be established)

Duties and Responsibilities (Web Application Developer)

- Design, develop deploy, and support new and enhance existing database-driven websites and internal business applications to meet Extensions program and operational needs.
- Develop and maintain website content management systems and tools within Drupal and LAMP architecture.
- Maintain, evaluate, and support U of I Extension digital applications and databases.
- Maintain, support and develop migration plans for legacy applications and code base.
- Ensure protection and security of data that is accessed, collected, or stored by web applications and databases.
- Serve as Tier 2 support for web applications to resolve customer issues to satisfaction.
- Collaborate with desktop support team members to provide excellent customer service.
- Conduct analysis of Extension tools to ensure their quality, security, efficiency and effectiveness.
- Collaborate with web team members to improve the overall software design, development, testing, release, and support processes.

Application Due
October 28, 2021

Proposed Start Date
As soon as possible after the closing date

Salary
Commensurate with experience and qualifications

To Apply
Go To: http://go.illinois.edu/151883
Log in to your account and upload a cover letter and resume, as well as the names and contact information of three professional references

More Information
The position is a full-time, benefits eligible, Civil Service Information Technology Technical Associate position appointed on a 12-month service basis. Generous vacation and sick leave. State Universities Retirement System. Group health, dental, vision and life insurance.

This is a security-sensitive position. Comprehensive background checks, including but not limited to a criminal conviction information check, and a review of the Registered Sex Offender list, will be conducted.

- Produce documentation of web applications including requirements and design documents, code documentation, user documentation and other reports as needed.
- Work with Extension graphic designers to develop standards-based user interface and user experience functionality in web and mobile applications.
- Engage productively in web team agile development process, effectively estimating time-to-completion for project tasks and working efficiently to produce tangible deliverables.
- Comply with Affirmative Action Equal Opportunity policies and guidelines in all aspects of University work and responsibilities. Assist unit staff with data collection for Affirmative Action, Gender, and Targeted reports if needed.
- Assume additional related responsibilities to enhance the mission of the unit.

Duties and Responsibilities (Senior Web Application Developer)

- Design, develop deploy, and support new and enhance existing database-driven websites, mobile applications and internal business applications to meet Extensions program and operational needs.
- Develop and maintain website content management systems and tools within Drupal and LAMP architecture.
- Maintain, evaluate, and support U of I Extension digital applications and databases.
- Maintain, support and develop migration plans for legacy applications and code base.
- Ensure protection and security of data that is accessed, collected, or stored by web applications and databases.
- Provide technical leadership in the development and maintenance of Extension digital tools
- Develop, maintain, and update information architecture, identity management, data schemas, and security guidelines for Extension web applications.
- Assist and collaborate with Extension IT leadership on new applications and technologies, research, requirements gathering, use-case mapping, and implementation and migration strategies.
- Perform code reviews and assist in developing best-practices team coding environment
- Serve as Tier 2 support for web applications to resolve customer issues to satisfaction.
- Collaborate with desktop support team members to provide excellent customer service.
- Conduct analysis of Extension tools to ensure their quality, security, efficiency and effectiveness.
- Collaborate with web team members to improve the overall software design, development, testing, release, and support processes.
- Produce documentation of web applications including requirements and design documents, code documentation, user documentation and other reports as needed.
- Work with Extension graphic designers to develop standards-based user interface and user experience functionality in web and mobile applications.
- Engage productively in web team agile development process, effectively estimating time-to-completion for project tasks and working efficiently to produce tangible deliverables.
- Comply with Affirmative Action Equal Opportunity policies and guidelines in all aspects of University work and responsibilities. Assist unit staff with data collection for Affirmative Action, Gender, and Targeted reports if needed.
- Assume additional related responsibilities to enhance the mission of the unit.

Qualifications (Web Application Developer)

$1=A510

- Ž 5 5⁹ A9 ; 2   E1- ∂; 2<∂; 3>1??5₃18₵ 9 ; >1 >1?<; : ?5 8₁ C; >7 1D<1>5₁: /1 5 -: fi 2 ∂9 -₄5 : &1/4: ; 8 3E f& >18 ₄10 <∂; 21??5 : ₄4-₄5 /8A010 C1. -<<8₁/-₄5 : 01B18 <9 1: ₄1D<1>5₁: /1 5 - <∂; 21??5 : -8₄1-9 1: B5₁; : 9 1: @∿ >/; 9 <- >. 8₁ /; 8₃1/₄531 1D<1>5₁: /1 ˚; 8₈131 /; A>?1 C; >7 C 4⁵5/4 5 /8A010 fi 2 ∂9 -₄5 : &1/4: ; 8 3E f&∿ f& Ž -: - 319 1: @∿ >- /8 ?18₵ >18 ₄1005₇/5₈5 1 9 - E. 1 ?A. ?₆5₃A₄10 - ? 2₈8 C?   ?19 1?₄1> 4; A>?; >˘??; /5 @₁ ? ˘ 13>11 1=A- 8`; : 1    E1->         ?19 1?₄1>4; A>?; >`- /418 >? ˘ 13>11 1=A- 8`₀C;   E1-∂
- ¸D<1>5₁: /1 C; >75 3 C5₄ fi₄13>₄10 ˘ 1B18 <9 1: @∿¸; : B5₁; : 9 1: @∿
- ¸D<1>5₁: /1 <∂; B5₀5 31: 0 A?1>?A<<; >₄@; : C1. ₄1/4: ; 8 35₁?
- ¸D<1>5₁: /1 C5₄ı 5₂-: 0 ˘ 35₃1 01B18 <9 1: @∿
- ¸D<1>5₁: /1?5 A?5 3; : 1; 2₄41 2₈8 C5 32∿9 1C; >7? $1-/₄6`(A1 6`; >?5⁹5₃> 2∿9 1C; >7

Preferred:

- Bachelor's degree
- Understanding of multiple web-hosting platforms and portal applications.
- Experience developing and maintaining websites in a Higher Ed environment.
- Experience editing and creating documentation.
- Experience participating in diverse workgroups.
- Experience in software development lifecycle, quality assurance with automated testing, release management, and problem resolution.
- Experience using a JavaScript framework and interacting with APIs

Knowledge, Skills, and Abilities:

- Working knowledge of best practices for the web, including accessibility and usability standards. Ability to work independently and as part of a team. Ability to work with dynamic, database driven websites. Ability to work with existing and legacy code. Proficiency in HTML, CSS. JavaScript, and at least one other programming language.Knowledge of JQuery, CSS framework (i.e., Bootstrap) and JavaScript frameworks like Vue.js or React.js. Willingness to learn new programming languages and frameworks. Excellent organizational skills. Good written and verbal communication skills. Demonstrated excellence in customer service, knowledge of front-end design, including wireframes and theming, strong skills in User Experience design, proficiency in PHP, React.js, and at least one other programming language, familiarity with Build tools including Task Runners (NPM Scripts, Gulp or Grunt), Linting tools (ES lint, JSLint, JSCS, JSHint), familiarity with PHP frameworks like Laravel or Symfony and knowledge of the University of Illinois and Extension and the mission, goals, and purpose of outreach within the land grant system is preferred.

Qualifications (Senior Web Application Developer)

$1=A510

- Minimum of 5-7 years of progressively more responsible work experience in an Information Technology (IT) related profession that included web application development experience in a professional team environment or comparable collective experience. College course work which included Information Technology (IT), IT Management, or a closely related discipline may be substituted as follows: 60 semester hours or Associate's Degree equals one (1) year, 90-120 semester hours or Bachelor's Degree equals two (2) years.
- Experience working with Integrated Development Environments.
- Experience providing end-user support on web technologies.
- Experience with Git and Agile development.
- Experiences in using one of the following JavaScript frameworks: React.JS, Angular.js, or Vue.js.
- Experience developing with Drupal or similar CMS.

Preferred:

- Bachelor's degree in Computer Science, Information Systems, or relevant degree
- Understanding of multiple web-hosting platforms and portal applications.
- Experience developing and maintaining websites in a Higher Ed environment.
- Experience editing and creating documentation.
- Experience participating in diverse workgroups.
- Experience in software development lifecycle, quality assurance with automated testing, release management, and problem resolution.
- Experience writing custom modules for Drupal or WordPress.
- Experience with PHP frameworks like Symfony or Laravel.

Knowledge, Skills, and Abilities:

- Working knowledge of best practices for the web, including accessibility and usability standards. Ability to work independently and as part of a team. Ability to work with dynamic, database driven websites. Ability to work with existing and legacy code. Proficiency in HTML, CSS. JavaScript, and PHP. Knowledge of JavaScript, CSS frameworks (i.e., Bootstrap) and JavaScript frameworks. Willingness to learn new programming languages and frameworks. Excellent organizational skills. Good written and verbal communication skills. Demonstrated excellence in customer service, knowledge of full stack development methods in a LAMP environment, strong skills in data architecture and database administration, proficiency in PHP, React.js, Vue.js, or similar framework, automated testing, and Git version control, familiarity with Build tools including Task Runners (NPM Scripts, Gulp or Grunt), Linting tools(ES lint, JSLint, JSCS, JSHint), and knowledge of the University of Illinois and Extension and the mission, goals, and purpose of outreach within the land grant system is preferred.

Application Procedure

Applications must be received by **October 28, 2021**. Apply for this position using the "Apply for Position" button (https://go.illinois.edu/151883). If you have not applied before, you must create your candidate profile at http://jobs.illinois.edu. If you already have a profile, you will be redirected to that existing profile via email notification. Please be sure to address how you meet each requirement of the position in your cover letter and/or resume. To complete the application process:

- Step 1) Submit the Staff Vacancy Application.
- Step 2) Submit the Voluntary Self-Identification of Disability forms.
- Step 3) Upload your cover letter, resume (months and years of employment must be included), and academic credentials (unofficial transcripts or diploma may be acceptable) and names/contact information for three references.

In order to be considered as a transfer candidate, you must apply for this position using the "Apply for Position" button. Applications not submitted through this website will not be considered. For further information about this specific position, contact Ashley Grilo (ashleyg@illinois.edu). For questions about the application process, please contact 217-333-2137.

ENVIRONMENTAL DEMANDS:
To perform the functions of this position, the employee will be required to perform work both within an office and outside in the communities that are served, and must have the capability to travel from one location to the other in a timely fashion. A valid driver's license is preferred. Employee is responsible for securing personal transportation. Some work will be required during evenings and/or weekends. When working, the employee may be exposed to a variety of environmental factors to include, but not limited to, hot or cold weather, exposure to noise and allergens, and uneven ground. In performing the functions of this position, the employee may be subjected to various mental and physical demands as well to include, but not limited to, independently traveling to and performing work at different locations, lifting and moving items that may occasionally weigh up to forty (40) pounds and frequently weigh up to twenty (20) pounds, and twisting, pushing and pulling movements.

Build your best life. Trust Extension to help.
extension.illinois.edu

Illinois Extension
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN