**Web and Database Developer (Web Developer Full stack)**

**Department**

CENTER FOR SURVEY RESEARCH (BL-SURV-IUBLA)

**Department Information**

For more than 40 years, the Indiana University Center for Survey Research has been a leading academic survey research center conducting thousands of quantitative and qualitative research projects, using surveys, interviews, focus groups, and a range of other methods. We advance knowledge and humankind by helping researchers plan for, gather, and analyze data across dozens of fields, including the behavioral and health sciences, medicine, public policy, business, and education. We are a team-managed organization that empowers employees through extensive professional development opportunities and the development of high-performing teams that play to our individual strengths. We are committed to work-life balance, and we foster an environment which inspires extraordinary performance and innovation by bringing high levels of positive energy and enthusiasm to our work.

**Job Summary**

The Center for Survey Research seeks to hire a Web and Database Developer to support our IT needs by developing, testing, and maintaining web applications (front-end and back-end), database applications, and other research technology applications for our survey projects and internal management needs.

Department-Specific Responsibilities

* Develops and maintains high-performing websites and web applications, including building and implementing back end (APIs, databases) and front end (interfaces, web-based tools) solutions, for our surveys and client interfaces (internal and external).
* Develops and maintains databases with an emphasis on performance, security, and stability; deliver and report on data through the development of stored procedures, and views; create and tune database queries and tables.
* Designs, develops, tests, and supports other survey-related technical applications, including working in statistical, survey administration, and data visualization programs.
* Tests technical applications (web, database, and others) for performance, functionality, and quality assurance, either directly or indirectly by providing instruction to other staff, while developing testing documentations.

General Responsibilities

* Develops high-performing websites and web applications, including building and implementing back-end (APIs, databases) and front end (interfaces, web-based tools) solutions.
* Consults with stakeholders and/or web administrator to review existing websites/webpages; develops new functionality and/or codes necessary web changes.
* Develops data structures, web tools and programs while taking into consideration multi-browser and mobile compatibility and performance.
* Documents website and web application development efforts (changes, new functionality, issue/problem resolution).
* Tests website and web application performance and functionality, performs quality assurance checks, and fixes bugs accordingly.
* Acts as a liaison between design/creative teams and stakeholders to ensure optimum functionality, performance, accessibility, scalability, and security of websites and web applications.
* Ensures that all protocols used in the development and maintenance of websites are up to date and compliant with university policies and standards; researches and stays up-to-date on new industry web standards, emerging media technology, UX/UI design/philosophy, and accessibility standards.

**Qualifications**

*Combinations of related education and experience may be considered. Education beyond the minimum required may be substituted for work experience. Work experience beyond the minimum required may be substituted for education.*

EDUCATION

**Required**

* Bachelor's degree (preferably in Computer Science or related field)

WORK EXPERIENCE

**Required**

* 2 years of full stack web development or related experience

**Preferred**

* 2 years of web and database development or related experience
* Strong experience with web and database applications including object-oriented programming languages such as ColdFusion or C#; web frameworks such as ASP.NET; JavaScript (jQuery); Microsoft SQL Server
* Experience with statistical software such as R, SPSS or Stata; data visualization tools such as Tableau or PowerBI; survey software programs such as Qualtrics or REDCap

SKILLS

**Required**

* Proficient communication skills
* Maintains a high degree of professionalism
* Demonstrates time management and priority setting skills
* Demonstrates a high commitment to quality
* Possesses flexibility to work in a fast paced, dynamic environment
* Seeks to acquire knowledge in area of specialty
* Highly thorough and dependable
* Demonstrates a high level of accuracy, even under pressure
* Ability to audit and perform updates to developed code systems and projects
* Ability to contribute to related file repositories and communicate with peers to ensure project success
* Strong understanding of related policy and standards.
* Strong ability to read and write code in HTML,CSS, JS
* Ability to work on developed common JS frameworks and consult on UX related projects
* Ability to integrate advanced protocol interfaces (API)
* Strong ability to code in logical dynamic language
* Ability to write complex relational database schema
* Ability to audit and develop systems of applications

**Working Conditions / Demands**

This role requires the ability to effectively communicate and to operate a computer and other standard office productivity equipment. The position involves sedentary work as well as periods of time moving around an office environment and the campus. The person in this role must be able to perform the essential functions with or without an accommodation.

**Work Location**

Bloomington, Indiana

**Advertised Salary**

$47,132.80 - $68,827.20 per year based on education, experience, and internal equity within the responsibility center.

**Benefits Overview**

For full-time staff employees, Indiana University offers a wide array of benefits including:

* Multiple plan options for medical insurance
* Dental insurance
* Health Savings Account with generous IU contribution
* Life insurance, LTD, and AD&D options
* Base retirement plan contribution from IU, subject to vesting
* Additional supplemental retirement plan options
* Tuition benefit for IU classes
* 10 paid holidays per year
* Generous Paid Time Off
* Paid Parental Leave
* Employee Assistance Program (EAP)

Learn more about our benefits by reviewing our online [Benefits Brochure](https://hr.iu.edu/pubs/books/IU-benefits_broch.pdf).

**Job Classification**

Career Level: Career

FLSA: Exempt

Job Function: Information Technology

Job Family: Web Admin, Design, & Develop

[Click here to learn more about Indiana University's Job Framework.](https://hrms.indiana.edu/psp/PH1PRD_PUB/EMPLOYEE/HRMS/c/IU_JC_COMPARE.IU_JC_COMPARE.GBL)

**Posting Disclaimer**

This posting is scheduled to close at 11:59 pm EST on the advertised Close Date. This posting may be closed at any time at the discretion of the University, but will remain open for a minimum of 5 business days. To guarantee full consideration, please submit your application within 5 business days of the Posted Date.

If you wish to include a cover letter, you may include it with your resume when uploading attachments.

**Equal Employment Opportunity**

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status. Indiana University does not discriminate on the basis of sex in its educational programs and activities, including employment and admission, as required by Title IX. Questions or complaints regarding Title IX may be referred to the U.S. Department of Education Office for Civil Rights or the university Title IX Coordinator. [See Indiana University’s Notice of Non-Discrimination here which includes contact information](https://policies.iu.edu/policies/ua-01-equal-opportunity-affirmative-action/index.html).

**Campus Safety and Security**

The Annual Security and Fire Safety Report, containing policy statements, crime and fire statistics for all Indiana University campuses, is [available online](http://protect.iu.edu/police-safety/annual-reports/index.html). You may also request a physical copy by emailing IU Public Safety at [iups@iu.edu](mailto:iups@iu.edu) or by visiting IUPD.

**Contact Us**

[Request Support](https://iuhr-fireform.eas.iu.edu/online/form/index/applicantsuppor)  
Telephone: 812-856-1234