



Web Developer

Canadian Museum for Human Rights

Winnipeg, Manitoba, Canada

Overview

The Canadian Museum for Human Rights (CMHR), currently under construction in Winnipeg, Manitoba, is one of Canada's newest national museum and the first to be built outside of the National Capital Region. An "idea museum" with a strong focus on empowering people to change thought and action to create a world in which everyone is respected and valued, is seeking talented individuals who share their passion and commitment to join their team. Help build a world class museum that will enhance the public's understanding of human rights, promote respect for others and encourage reflection and dialogue.

Responsibilities

The New Media Web Developer is key for developing, optimizing, updating, maintaining, and implementing web & software applications following the established presentation standards and content plans, and for offering technical assistance on the Web and related products. A high level of excellence and attention to detail must be maintained in order to support the delivery of programs and to attain the strategic objectives of the organization. Reporting to the Manager, Web Presence, and as an important member of the Design + New Media & Collections department, the New Media Developer will be responsible for assisting in development & maintenance of the museums software products to both in-gallery and remote end points. This is an excellent opportunity to be part of a forward-thinking web team with aggressive schedules and creative freedom working on exciting and groundbreaking projects.

- Working in consultation with the Manager, Web Presence, database administrators, web programmers, and other staff to assist in the design, development, coding, testing, and documentation of new highly accessible web applications and software.
- Developing new and maintaining existing web projects using established best practices and standards in a variety of languages and frameworks including but not limited to Python, Ruby, PHP, and some legacy perl and Java applications.
- Communicates ideas with web team and external peers; willing and able to meet project timelines.
- Mapping out the conceptual design for a planned application (s).
- Designing, managing, evolving user and business software needs across all platforms (web, mobile, CMS, etc.)
- Ensuring new and legacy software development projects follow industry standards and best practices
- Installing new applications and customizing existing applications in order to make them fit for purpose
- Monitoring performance of software to provide fast query responses to front-end users
- Diagnosing/troubleshooting web & software related problems, perform preventive maintenance and coordinate hardware and software solutions
- Communicating technical guidance and instruction to users on the use of applications and systems
- Performing regular preventive maintenance on web server hardware and software

- Maintaining a high level of client satisfaction
- Assisting departments in determining their technology needs and implementing them
- Sharing knowledge and providing guidance and leadership to technical staff in area of specialty
- Negotiating with third party vendors to assist in pre/post complex website development
- Communicating effectively orally and in writing and establishing cooperative working relationships with staff, external clients and contractors
- Rapidly learning and supporting new software, applications and hardware
- Developing, managing and testing back-up and recovery plans
- Responding to Museum and divisional priorities and work within the context of approved projects/plans while maintaining institutional values and being aware of time/budget implications of any changes or developments to approved projects.

Qualifications

Requirements for this position are as follows:

Skills and Knowledge – Required

- University degree in computer science, or a related combination of education and experience
- 2 + years' experience in a collaborative, fast-paced web production environment.
- Dedicated to the use and support of open source software.
- Proven skills in one or more web programming language, framework, and relational database, as well as related web technologies including Apache, DNS, SEO, CGI and XML/ XSLT
- Linux administration and shell scripting required, as is working knowledge of HTML5, CSS3, JQuery, and RESTful API's.
- Experience with RDFa or linked data, Solr & Lucene, and/or mobile development is a plus.
- Experience working in a team setting effectively and collaboratively.
- Knowledge of and ability to apply web and multimedia technologies, architecture, standards, formats, tools, and techniques in the development of web applications (i.e. browsers, HTML, PHP, Java, SOAP, AJAX, jQuery, Flash, metadata, mobile apps, CSS, XML, ASP, .Net, audio, video, animation, photography, scanning, webcasting, mobile apps, blogs, wikis);
- Knowledge of and experience with network protocols: TCP/IP, Netbui, IPX/SPX, FTP and the ability to diagnose/troubleshoot connectivity issues;
- Knowledge of and experience with enterprise content management systems (i.e. CMS, DAM)
- Knowledge of and experience with multiple operating systems (i.e. Mac, Win, Unix)
- Superior Knowledge of and experience with numerous productivity software suites and applications such as Microsoft Office, Adobe Creativity Suite, etc.;
- Advanced knowledge of and experience with database applications and protocols: SQL, MYSQL, Oracle, ODBC and the ability to diagnose/troubleshoot related issues;
- Good knowledge of and experience with evolving multimedia technologies (audio, video, animation, photography, digitization, webcasting, tactile presentation, etc.)
- Knowledge of new emerging mobile applications and technologies, specifically: Apple, Android, Web OS
- Knowledge of and experience with new evolving social media technologies (Facebook, Twitter, YouTube and Flickr)
- Experience working in a fast-paced, high development environment
- Experience working in a cultural organization would be an asset.

Skills and Knowledge – Desired

- Effective communication skills in both official languages, oral and written
- Experience working for or providing similar service to a museum, cultural institution, or similar entity.

Attributes

- Excellent project management and problem solving skills
- Excellent project leadership and presentation skills
- Effective interpersonal skills
- Discretion, tact, initiative and sound judgment
- Excellent time management skills
- Strict attention to detail yet always in consideration of the high-level goal
- Flexible
- Enthusiastic

Working Conditions & Physical Demands

- Work is in an office environment
- May require long periods at a desk, reading of lengthy documents, and time in front of a computer.

Application Procedure

Interested applicants should submit a letter of interest and a current resume through the museum's Career page at www.museumforhumanrights.ca. The closing date is May 18, 2012.

The CMHR encourages diversity in all aspects of its operations. If you are a person with a disability and require accommodation in order to successfully submit an application, please contact us at info@museumforhumanrights.ca to make your accommodation request.

All applicants will receive a confirmation of the receipt of their application. We thank all applicants for their interest, however, only those selected for an interview will be contacted.