Web Developer

Job description

We are looking for an outstanding Web Developer to be responsible for the maintenance and upkeep or our website. Additionally you will be improving the innovative design and layout of our website as the need arises.

Responsibilities

* Write well designed, testable, efficient code by using best software development practices
* Create site layout/user interface by using standard HTML/CSS practices
* Integrate data from various back-end services and databases
* Gather and refine specifications and requirements based on technical needs
* Create and maintain software documentation
* Be responsible for maintaining, expanding, and scaling our site
* Stay plugged into emerging technologies/industry trends and apply them into operations and activities
* Shape and determine the direction of the site

Requirements

* Top-notch programming skills and in-depth knowledge of modern HTML/CSS
* Familiarity with either one of the following programming languages: ASP.NET, C Sharp
* Knowledge of the following Web technologies: Silverlight 5, Apache, MySQL
* A solid understanding of how web applications work including security, session management, and best development practices
* Adequate knowledge of relational database systems, Object Oriented Programming and web application development
* Aggressive problem diagnosis and creative problem solving skills
* Strong organizational skills to juggle multiple tasks within the constraints of  timelines and budgets with business acumen
* Ability to work and thrive in a fast-paced environment, learn rapidly and master diverse web technologies and techniques.
* BS in computer science or a related field
* System Description: People need to know what the system is going to do. Because Jim (or a company in India) can visit the existing WordPress content site I think this description needs to have some comparisons to that site, e.g.
  + The content site (<http://www.my-right-career-content.com>) is dramatically more complicated that the three marketing sites. It requires extensive interaction with the users.
  + It also requires users to create and manage information (mainly in Word and pdf files today) - which is one of the areas we are automating.
  + Once the back end data base is created it allows the system to track exactly where they are in the process, e.g. Self Assignment, Skills Exercise, Step 3. Students can build a customer process and the system will then track that process vs. the standard process.
  + The design goal is a student interacts mainly via a smart phone (interfacing with a data base out in the cloud), with follow up activity on their laptop. For example, the system will have a way for the students to generate text inputs on a phone without having to do a lot to typing.
  + The back end of the system is developed using Apache. The database uses MySQL and will reside on Amazon Cloud initially.
* Technical Requirements
  + Today, in the WordPress implementation, Don can do 90% of the work without any outside WordPress technical support. The goal, once he leans XML, is he will also be able to do 90% of the work without outside XML support.
  + The outside technical support team needs to have expertise in Silverlight 5 and ASP.NET or C Sharp
  + They need to work with the Rose-Hulman team during development so they can smoothly take over in May/2015
  + They need to be able to work on the back end and the SMD element.