Job Title: Web Developer
Department: IT

Job Category: Technical
Job Relationships:
      Supervisor: Project Director/IT Manager
      Direct Reports: None

Position Summary:
This person will design, develop and maintain our web-based applications and technologies, including the corporate website(s), web applications and web-based technologies that support and integrate with company products. This person works closely in a team environment to define, build and maintain web applications and sites. He/She will work in a team environment and must have strong technical skills, good problem-solving ability and creative thinking skills.

This person must have knowledge of object oriented programming, PHP, MySQL, CSS, JavaScript (jQuery library), Linux Shell scripting, Apache, API's and background processes.

The ideal candidate will have the flexibility to adapt to a rapidly changing technology environment, strong technical and problem-solving skills, good communication skills and the ability to work well in a team environment.

Specific Duties and Responsibilities:
1. Gathers feedback from design and technical staff on website development needs. Participates in developing the definition of web based applications and assists in project planning and execution.

2. Build complex web pages and web-based applications as specified in the project or product definition. Design user interface applications, database architecture and APIs using various programming and scripting languages. Establish analytics on sites built and provide usage analysis reports as required.

3. Design, develop and document code in a modular environment that is clear, portable and written to integrate with modules written by other web developers or engineers. Write, test, debug, document and maintain code with operational notations, flowcharts, testing procedures and other applicable documentation.

4. Perform functional testing of code and user interface to ensure code is bug-free, functional and easy to use. Testing is completed during development via emulation, on a target system, using development tools and with beta testers; both customers and employees outside the department.

5. Determine new web technologies to utilize such as responsive design, browsers, languages, and plug-ins based on company needs. Identify long-term needs of web development, plans and manages web-related projects. Works to develop long-term web strategies incorporating sound design principles and using commonly accepted web standards. Optimize corporate websites for search engine visibility. Implement content management tools for marketing staff.

6. Work with company network administrator to define and establish server needs. Work collaboratively with network administrator to establish a schedule for security updates, server upgrades and back-ups, manage firewall settings, port settings and communication with other servers.

7. Provides limited technical support and troubleshooting of web applications which should be less than 10% of time spent on the job.

8. Strive to expand knowledge of recent developments and directions in the web and cloud environments, software field, and the AAC (augmentative communication) field. In particular, strive to understand how these issues affect the end-users of the products being designed and elements that can be used to improve product design and customer experiences.

9. Always strives to meet corporate goals and looks for opportunities to use technology to do so.

10. Other duties and responsibilities as assigned.

Communication Requirements:

Strong communication skills, specifically written, verbal, listening and project facilitation. Communicates professionally and effectively with all organization levels, including product managers and other engineering staff. Requires resourcefulness, tact, negotiating/problem solving abilities.

Education and Experience:

1. B.S. in computer science equivalent education and experience.
2. 3+ years of experience designing and developing web applications in a LAMP environment using sound design principles and adhering to commonly accepted web standards.
3. Specific experience working with MySQL databases for web applications.
4. Experience with object-oriented programming and web-based languages; PHP, Git, jQuery, AJAX, CSS, HTML5, and various API's.
5. Experience with User Interface design principles and developing in a mobile environment, including responsive design.
6. Familiar with Linux Shell Scripting, Amazon Web Services, CodeIgniter, Virtual Machines and Python are desired.

Span of Control:

Equipment: Directly responsible for purchasing computer related equipment and web based technologies.
Financial: Responsible for purchasing computer related equipment in the most cost effective manner.

Communication Requirements:

Position duties require frequent contact with people both inside and outside the organization where matters discussed require professional and courteous communication skills which may impact the organizations policies, procedures, profitability and image.

Physical and Environmental Requirements:

- Fingering. Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand as in handling.
- Talking. Expressing or exchanging ideas by means of spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.
- Hearing. Perceiving the nature of sounds at normal speaking levels with or without correction. Ability to receive detailed information through oral communication, and to make the discriminations in sound.
- Repetitive Motion. Substantial movements (motions) of the wrists, hands, and/or fingers.
- Sedentary Work. Exerting up to 10 pounds of force occasionally and/or negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met
- The worker is required to have close visual acuity to perform an activity such as: preparing and analyzing data and figures; transcribing; viewing a computer terminal; extensive reading; visual inspection involving small defects, small parts, and/or operation of machines (including inspection); using measurement devices; and/or assembly or fabrication parts at distances close to the eyes.
- The worker is not substantially exposed to adverse environmental conditions

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