KERN COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED AUGUST 2012
RANGE: 52.5
CLASSIFIED
CODE: NONE

WEB DEVELOPER

DEFINITION
The Web Developer will execute various aspects of day-to-day web page production/implementation and other online user interface options for the Kern County Superintendent of Schools, school districts and other external clients. This position will be responsible for all aspects of front-end & backend web development, social media and educational technology options in partnership with the Communications Team and Division/Department/Client liaisons. The position is also responsible for implementation and training, ensuring that clients have the tools and skills needed to successfully use online tools to maximum capacity.

EXAMPLES OF DUTIES
The Web Developer will implement strategies for the comprehensive and continually growing Kern County Superintendent of Schools web site, and for web services for other public, private and Not-For-Profit organizations;

serve as lead in the development of Web pages, service clients, design new web pages and update existing sites for clients;

provide training to new and existing clients on the use of the Manilla or current Web-based format;

in concert with supervisor, will direct the work flow and establish priorities; prepare price quotations for perspective clients.

QUALIFICATIONS
Key Requirements:
- Strong understanding of object-oriented PHP.
- Experience with the tools surrounding WordPress : MySQL, phpMyAdmin, Apache.
- Standards compliant HTML, HTML 5, CSS, RSS, JavaScript (jQuery) and XML.
- Experience with parent educational theme frameworks.
- Experience building user interfaces from PSD files and wireframes for functional specification.
- Grasp of the full web-stack, from relational database to working knowledge of PHP/HTML/CSS.
- Experience working through issues surrounding analysis, tuning, scalability, high availability and concurrency of the WordPress platform and hosting infrastructure and work alongside the wider operations team towards these goals.
- Ability to demonstrate effective oral and written communication.
- Ability to absorb, rapidly, new technical information as required.
- Ability to competently plan, schedule and monitor work.
- Knowledge and experience in marketing and communications concepts including video production and screening.

Key Responsibilities and Accountabilities:
1. Develop new sites using WordPress and develop other web-based projects.
2. Assist in shaping and implementing the WordPress platform strategy for internal and external clients.
3. Create/Manage plugins and developing modules for WordPress.
4. Assist in the development and implementation of a social media platform.
5. Maintain and update existing sites.
6. Represent KCSOS with internal and external clients to develop and implement technology-based solutions.

7. Document technical and functional specifications and implementation steps.
8. Provide technical consultancy and support services and professional development.
9. Work in partnership with KCSOS IT and Systems departments to ensure coordinated and collaborative implementation.

Knowledge of:
Must have knowledge of Wordpress and other content management systems;

must have a thorough working knowledge of various browser programs such as Firefox, Safari and Internet Explorer, and demonstrate an understanding of the issues related to browser "plug-ins;"

must have knowledge of the issues related to functional user interface, i.e., design issues such as form versus function, and how these issues apply to pages published on the World Wide Web;

must have a knowledge of the appropriate computer software to develop web-based graphic images and of the file formats and graphic compression issues relevant to the World Wide Web.

Ability to:
Work with minimal supervision; show strong interpersonal skills;

must be able to approach projects with flexibility and an eye towards timely implementation;

must be able to work on different projects at the same time and be able to follow instructions and work within the production guidelines and systems of Kern County Superintendent of Schools Internet Services Platform;

must have an understanding of the Internet/World Wide Web, especially as it applies to public education, and a knowledge of WWW trends, advances and potential uses, such as multimedia.

Experience:
Three (3) years of Web production experience using Macintosh/P.C. computers, preferably in a large organization;

experience in software design, analysis, and development which includes cross-browser and cross-platform environment (Internet Explorer, Firefox, Safari on Microsoft Windows, Mac, Linux/Unix etc.);

experience with graphic programs such as Adobe CS Suite;

experience creating interlaced GIF files and/or JPEG files for the World Wide Web;

experience using tools such as: PHP, CSS, Javascript, MySQL, Unix, Wordpress, Parent & Child Themes, Theme Frameworks, Illustrator, Photoshop, Visio for prototypes, FTP, wireframes, and interactive mockups;

an understanding of DNS, Apache and the server protocol and Google analytics for heuristics;

experience providing excellent customer service in an education, art, media, web or related field;

experience supervising others and collaborating with clients.

Education:
Education requires graduation from an accredited college or university with a Bachelor's degree majoring in information technology, multimedia and visual communication, web design and interactive media, or a related field.

Work experience resulting in an equivalent knowledge base may be substituted for the formal education requirement.

Conditions of employment:
Some positions may require proof of privately owned automobile insurance and possession of a valid California Motor Vehicle operator's license which must be maintained for the duration of the assignment.

Fingerprint clearance by both the Federal Bureau of Investigation and the California Department of Justice is a condition of appointment after all other required job conditions have been met.

Must present verification of completion of Child Abuse Mandated Reporter training or obtain verification within six (6) weeks of hire and annually thereafter, as required by the California Child Abuse and Neglect Reporting Act.

This position has a probationary period of six months or 130 days, whichever is longer.

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