SENIOR WEB DEVELOPER

Career Overview

Senior Web Developer/ Programmer Analyst

Areas of Expertise

- Programming/Web: Drupal, PHP, Git, JavaScript, SQL/MySQL, HTML5, CSS3, SASS, Compass, XML, Â XSL

- Operating Systems: Unix/Linux, Macintosh, Windows, Apache, IIS

- Programming and design skills
- Strong analytical skills
- Proven collaborative skills
- Optimizing and performance tuning
- Excellent problem solving skills

Technical Skills

Skills	Experience	Total Years	Last Used
Drupal	Advanced	7+	Every day
HTML5	Intermediate	2	
CSS	Intermediate	12	
SASS & Compass	Beginner	3	
SQL/MySQL	Intermediate	16	
Git	Intermediate/Advanced	4	

Work Experience

Senior Web Developer 01/2009 to Current Rural Sourcing

- Center for Communication Programs, Knowledge for Health Project.

01/2009 to Current Oklahoma City , OK

- Develops custom modules to work within the open-source Drupal framework to meet specified requirements.
- Developed the K4Health Toolkit application.
- Engages in high-phased interaction with clients, translating needs into technical requirements, selecting the best implementation method and hands on development that included coding, GUI, database development, implementation, and integration with existing systems.
- Helps plan and execute software development strategies for various projects.
- Consults with clients on development, cross-platform, and usability issues.
- Optimized the MySQL database configuration, resulting in a 311 percent improvement in the number of slow queries taking 10 seconds or longer to complete and a 421 percent decrease in table locking.
- Implemented page load performances resulting in a 50 percent increase in speed overall, and in some cases 75 percent improvement.
- Plans and guides a push for improving our strategic planning in terms of software development.
- As team lead, supervises the team of developers, helps facilitate communication, and trains and mentors colleagues and contractors in the areas of Drupal development and best practices.
- Participates in strategic planning for the project.

contractor Web Developer & User Interface Designer 01/1998 to 01/2009 Marion , IA

- Developed new web applications and dynamic web sites.
- Had high-phased interaction with clients, translating needs into technical requirements, selecting the best implementation method and hands on development that included coding, GUI, database development, implementation, and integration with existing systems.
- Initiated e-commerce systems, developed custom shopping carts, and integrated with third-party payment gateways.
- Established and customized a content management system using Joomla!.
- Supported the development of a customized content management system using Drupal on a LAMP platform.
- Produced information architecture, intuitive navigational systems, GUI design, dynamic database-driven sites, full site development (XHTML, CSS coding and MySQL, PHP programming), debugging, site publication and promotion, as well as site maintenance.
- Developed custom stand-alone Content Management Systems (CMS) for easy web-based management of sites.
- Consulted with clients on development, cross-platform, and usability issues.

Web & Graphic Designer/Developer 01/1997 to 01/1999 City , STATE

- Developed and implemented the original department website from start to finish, including: initial conception, structural planning, navigational development, GUI design, content development, HTML hand-coding & debugging, implementation of cross-platform issues and work-arounds, CGI script customization and implementation, publication of the site and site promotion.
- Researched, wrote, and edited a bi-monthly and two quarterly newsletters.
- Prepared layout for two newsletters.
- Assisted in editing of other publications.

Education and Training

BA : English Literature 1996 Newbold College City , State , UK English Literature

Countries of Professional Work United States United Kingdom

Publications

Beeman, Jeff, Chalk, Guy, Moyer, TJ and Lee, Larry (2010). "Case Studies in Academia: Drupal at ASU & Johns Hopkins Knowledge for Health." Presented at DrupalCon San Francisco. April 19-21, 2010. San Francisco, CA. Salem, Ruwaida, Raney, Laura, Dickson, Debbie, Moyer, TJ (2011). "Power of a easy-to-use, web-based tool to deliver essential information to health professionals in developing countries" Submitted for the 139th APHA Annual Meeting Salem, Ruwaida, Dickson, Debbie, Chalk, Guy, Moyer, TJ, et al. (2010) "Using information technology to organize and provide access to information for health professionals in less developed countries" Presented at the 138th APHA Annual Meeting. November 6-10, 2010. Denver, CO.

Languages

English: Fluent Spanish: Conversational

Skills

ADO, Adobe, Photoshop, PageMaker, Apache, bi, CGI, CMS, content development, Content Management, CSS, clients, database, database development, debugging, Drupal, e-commerce, editing, English, XML, Fireworks, Flash, gateways, GUI, GUI design, HTML, PHP, IIS, Illustrator, ImageReady, information architecture, JavaScript, LAMP, layout, team lead, Linux, Macintosh, Windows, MySQL, newsletters, ODBC, page, coding, programming, promotion, publications, publication, QuarkXpress, script, software development, Fluent Spanish, SQL, SQL Server, strategic planning, translating, Unix, web applications, website, web sites, XHTML, XSL