Alex Crawford | Web/Application Developer | 321-759-5293 | awc737@gmail.com

I am a problem solver and a leader. I seek challenges that require overcoming obstacles to implement better solutions. I am fascinated by rapidly evolving technology and I am extremely passionate about my work.

Overview

With over 12 years experience in creating websites, pleasing aesthetics and effective functionality come naturally. As a developer I exhibit great strength in discovering technical problems, then quickly and accurately delivering solutions through code and logic. My vast experience in every facet of the application lifecycle has diversified my skillset, making me a viable asset to any area of a technical project. My recent employment with JELD-WEN has enabled me with great insight into the corporate culture, a better understanding of business acumen and invaluable experience with project management and working with teams.

Work Experience

July 2012 – Current | JELD-WEN - Web Development Lead

Delivered multiple projects saving substantial time and money for the Company on outside resources. Coordinated as an integral part of the Fluid, Inc. team assigned to the JELD-WEN project, gaining crucial knowledge of excellent methodologies and collaboration including:

- Architecting Solutions
- Expressing and Implementing Discovery Efforts
- Designing Frameworks
- Droving Strategic Projects
- Standardizing Processes

July 2011 - July 2012 | Eternaware (sole proprietorship) - Freelance web developer

Combined my technical experience, passion for development, and determination to succeed to find clients and deliver solutions. Created a hosting platform to successfully manage and bill my clients.

March 2009 - July 2011 | Advanced Business Teleservices - Sales Representative

Consistently led performance charts. Demonstrated versatility and success, moving between various departments as increased needs arose.

Projects

JELD-WEN

- **Maintenance / Updates / Bugs - http://jeld-wen.com**
  - In the past nine months - 370 commits, over 95,000 lines of code added, 46,000 deleted.
- **Product Configurator - http://pcs.jw.cagehost.com/**
  - Developed a prototype to explore the possibility of managing back-end products from one page, specifying their possible configurations, and generating a front-end product for each possible configuration. Image assets are input in the least redundant manner and processed with ImageMagick to provide an extremely configurable front-end experience. Also used: Laravel PHP framework and PostgreSQL for its key/value pair functionality.
- **SiteCatalyst Analytics**
  - Implemented over eighty triggers into jeld-wen.com to provide analytics information to Adobe SiteCatalyst. Used Javascript and the JavascriptMVC framework.

- **Find a Store**
  - Rewrote the JELD-WEN Find a Store experience into a dynamic, back-end managed component. The old implementation provided no management, requiring code updates for simple changes. The new Joomla! MVC component presents interfaces for mapping collections and categories to SOAP web services.
- **Egress Calculator - http://www.jeld-wen.com/egress**
  - Rewrote the JELD-WEN Egress Calculator component, which provided no back-end management, to provide a robust back-end, and elegant front-end experience.

Cage Host - http://cagehost.com/

As a developer with the ability to manage servers, I desired an all-in-one solution for clients needing websites, which included domain registration and managed hosting. From this idea, Cage Host was born, and I began providing customers complete packages. The current design is merely a prototypical concept for publicizing Cage Host.

Facebook Ignite - http://fbignite.cagehost.com/

I developed and created the logo and design for this website, which was demonstrated to potential investors as a future learning platform for Facebook developers.

Eternopia - http://eternopia.cagehost.com

This site was created for a final school project. I demonstrated good organizational structure with separate presentation and data layers, security measures, and authentication, without the use of a CMS or framework.

Sport Audio - http://sportaudio.cagehost.com/

This website was created for a local business, using Joomla with an eCommerce shopping cart (preferentially disabled), and a template and logo I developed.

Technical Skills

Application Concepts

- Web sites, desktop and mobile applications
- Client / server applications, REST APIs
- Version control (git), agile methodologies
- SEO, analytics tracking and display
- Security measures, cross-platform compatibility
- Deployment, automation, debugging, fail-safe procedures

Programming and Database

- HTML5 / CSS3
  - Latest standards
  - Responsive design
  - Cross-browser compatibility
- Javascript
  - AJAX, proper object-oriented techniques
  - jQuery, Grunt, Node, Ember, Angular, and more
- PHP
  - MVC Frameworks - Laravel, Symfony 2, Yii
  - CMS - Joomla!, Wordpress, Cartalyst Platform

- SQL - MySQL, PostgreSQL
- NoSQL – MongoDB
- Search indexing - SOLR, ElasticSearch
- Java, C#, Python, and Ruby experience

Operations

- Personal workstation OS - Debian 7
- Linux servers and VPS
  - Provisioning, configuring, securing access
  - Automation tasks and backups
  - Vagrant, Chef, and Puppet
- Web servers - Apache, Nginx
  - Performance optimization
  - CDNs - Amazon Web Services, Rackspace
  - Continuous integration, scaling applications and hardware

Graphics and Applications

- Adobe Suite - Photoshop, Illustrator, and more
- Google Analytics
- Adobe SiteCatalyst

References

Scott Queen - Director of Digital Solutions (JELD-WEN) | 541-357-0122 | scottqueen@gmail.com

Robert Bagwell - Computer Science Instructor | 541-956-7050 | bbagwell@roguecc.edu

Rob Jellesed – Director of E-Commerce (JELD-WEN) | 541-601-7649 | robjellesed@gmail.com

Joyce Richter – Digital Operations Manager (JELD-WEN) | 541-331-3113 | joycerichter58@gmail.com