sci.dept

William (BJ) Clark

Web Developer

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Profile

For the past 10 years I have specialized in website design and development. I have expert knowledge of not just the technical side of website design, but extensive knowledge of numerous techniques for building innovative, modern, scaleable websites. I have 5 years of experience building e-commerce applications and developing successful marketing strategies for small and a large business alike. I have worked for organizations large and small, from bootstrapped startups to massive governmental agencies. I contribute to open source projects and stay current on all relevant technology.

I spoke recently at RailsConf 2009 in Las Vegas on "Working Effectively with Legacy Rails Code". I currently work full time for AboutUs.org, a VC funded start up in Portland, OR that is one of the 10 most visited Ruby on Rails sites on the internet.

Skills

Ruby on Rails (4 years of experience), Agile/XP, Facebook Appplications, PostgreSQL MySQL, rSpec/Cucumber/BDD/TDD, Nginx, Hand-coded Standards Compliant HTML/CSS, Javascript & AJAX (Prototype & jQuery), CSS Frameworks, Grid based layouts, CMSs, REST, SOA, "Bulletproof" techniques/graceful degradation and Cross Browser Compatibility. I am an expert in Adobe Photoshop, Illustrator, Omnigraffle and OS X. I have experience in paper prototyping, wireframes, personas, ethnographic research, wizard of oz testing, user observation studies and other forms of agile user centered design. I come from a print design background and grew up in my family's printshop and have a Bachelors of Fine Arts in Studio Art. In my spare time, I am interested in wood-fired ceramics.

Experience

Web Application Developer, AboutUs.org Oct 2008 - Present

At AboutUs.org I have helped to lead the adoption of RSpec/BDD, numerous refactorings, and a formal agile product design / user experience process. I am one of the main developers on a project to build a community edited search engine that gets close to 3 million page views a month and is growing rapidly.

Founder, the science department, 1998 - Present

I have owned and operated the science department for the last 10 years. I have built websites for small businesses, internet-only businesses, governmental agencies, and numerous other organizations. I am also currently building multiple "web 2.0" applications and have been a part of 3 "web 2.0" web applications that have already launched.

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Lead Product Designer, Inigral, inc, April 2008 - October 2008

Inigral is a VC funded startup founded by 3 guys looking to change the face of college course management software by bringing Web 2.0 features to a pretty stale industry (Courseware). My role was to come in and take their existing product, which was one of the most widely used "utility" apps on the Facebook platform from an aging first version that was stagnant and hard to modify, to a world class web app with a great user experience. In just 3 months we rebuilt the entire app, with a focus on better UX, IA, and a more flexible code base. In addition to leading the development team, I was solely responsible for all UX and design.

Senior Developer, Entermotion Design, Wichita, KS, 03/2007-10/2007

I worked remotely as a senior developer for Entermotion Design doing standards-compliant front-end development as well as php/mysql-driven sites. I routinely implemented ajax-powered forms, PHP-scripts and developed, from scratch, custom e-commerce solutions interfacing with a credit card transaction gateway. I implemented pixel-perfect, complicated layouts using the most advanced xhtml/css layout techniques. All sites validated CSS and xhtml 1.0 transitional when delivered and all were "bulletproof" in IE6+, Firefox, Safari, on both PC and Mac.

Assistant Webmaster, Colorado Division of Wildlife, 2006

Worked with inside and outside contractors to build new software applications, maintain current applications, and develop growth plans including Streaming Media services. Assisted the Webmaster with day to day content management using an enterprise level CMS for a website that received 100 million+ hits per year from all 50 US states and 70+ countries.

Designer/Developer, 100Watt Design, Grand Junction, CO 2003-2005

Worked with clients to build all types of websites from standard, basic static sites, to very successful 24/7 e-commerce solutions in PHP/MySQL.

Education

Bachelors of Fine Art - Studio Art - Mesa State College, Grand Junction, CO
Graduated 05/2007
Academy of Art University - San Francisco, CA
9/2001 - 5/2002

References

numerous references available upon request