

## PROFILE

An experienced developer and information technology professional. I am a trusted freelancer with a strong history of delivering robust code on schedule.

## BRYCE McDONNELL

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## TECHNICAL PROJECTS :

### **David K. Burnap Advertising Agency 2008 - Team Developer**

DKB required assistance with a major client in order to deploy their website on time. I spent three weeks at the agency developing alongside the lead developer. Primary responsibilities included creating a RESTful interface and re-architecting their e-commerce solution. My involvement with the project was necessary for a timely launch. I was able to consult on deployment strategies and helped deliver a stable final product.

Technologies: MySQL, SQL Server, Ruby on Rails, LAMP & Subversion

### **Jeremy Votaw 2008 - Lead Developer**

Mr. Votaw has been in interactive advertising for several years. Involved with a number of advertising agencies, he has trusted me with his PHP and Ruby on Rails needs. Several projects ranging from one time lead generation forms to full scale restaurant review sites have been completed on time and on budget. My contribution to his business allows him to focus on growth.

Technologies: MySQL, Ruby on Rails, PHP, LAMP Git & Subversion

### **Old Green Pickup (Creative Media) 2008 - Lead Developer**

Over our professional relationship, I have grown to be OGP's lead developer and system administrator. OGP is responsible for numerous web sites and my Ruby on Rails/PHP/MySQL skills have ensured the sites are secure, robust and are deployed intelligently. OGP has had remarkable uptime and customer satisfaction since our relationship began.

Technologies: MySQL, Ruby on Rails, PHP, MySQL, Apache, LAMP, Git & Subversion

### **Crowell Advertising 2008 - Lead Developer**

My initial project with Crowell was to design, develop and deploy an Intranet and CMS solution for a large national account. Working in PHP, I developed a class based authentication system and a user friendly area for employees to create online content. I also configured and administrated a LAMP development server held offsite.

Technologies: MySQL, PHP, LAMP & Apache 2.2

### **nakuspmusicfest.ca 2008 - Team Developer**

The music festival had just had a falling out with their core team of developers. They had an application with bugs and no support. I was hired to become familiar with the code, do testing and bring the project up to production status. This included re-factoring and building new code into the existing framework. I developed a good relationship with the music festival by sharing frequent progress reports and handling new bugs quickly.

Technologies: MySQL, PHP & phpMyAdmin

### **ClinicResearch.com 2006-2007 - Lead Developer**

ClinicResearch is a patient centered, web-based, application to collect clinical trial data. Key features include the ability to start and stop clinical trials on the fly, patient security, customization for several disciplines of medicine and usability for medically fragile individuals. I built this application from scratch which was the basis for Lab Coat Innovations' business model.

Technologies: Ruby on Rails, MySQL, Apache 2.0, Linux administration (in India and Texas) and Subversion. My role was to write source code, implement above technologies and maintain servers.

### **ClinicSnapshot.com 2007 - Lead Developer**

Again as the project lead, I developed a “light” version of ClinicResearch designed to compete in the healthcare space with SurveyMonkey.com. Users can submit new surveys and download data in real time.

Technologies: Ruby on Rails, MySQL, Apache 2.0, Linux administration (in India and Texas) and Sub-version. I wrote source code, compiled server software, and was the server administrator.

### **Oregon Brain and Spine Institute — 2004-2007**

A physician’s office employed me to develop and deploy a patient outcomes database with a web based front end. The practice had no technology solution to begin with and I recommended a Linux environment using open source tools to deploy the application. Once approved, I purchased hardware and configured the entire research solution. This technology enabled the practice to participate in clinical research.

The application was a success and I was soon tapped to develop others including a central application to communicate notes on patients during surgical rounds. The application, written in PHP and later converted to Ruby on Rails, enabled surgeons and physician assistants to keep track of their patients on the hospital floors.

Technologies: PHP, Ruby on Rails, MySQL, Apache 1.3, Linux (Fedora), Mac OS X Server, Flash and Sub-version. My role was to write source code, implement above technologies and maintain servers.

### **BucYeah.com — 2003-2004**

This project was designed to coordinate students from my undergraduate university much as Facebook does today. Students were encouraged to sign into the site and keep in contact following graduation. I designed the site and performed all the backend programming in Actionscript. I also deployed a PHP based bulletin board.

Technologies: Flash Actionscript, PHP, MySQL

## **E D U C A T I O N**

Whitworth University — B.S. Biochemistry, 2003 *cum laude*

Portland State University - Master’s of Public Health, economics focus, 2007 3.87 GPA

## **S K I L L S**

Proficient in office hardware and software • Architect and coder for several applications in PHP, MySQL and Ruby on Rails • Database design, deployment and tuning (MySQL and MSSQL) • Configuring and Maintaining Apache • Configuring, deploying and maintaining Sub-version and Git • Crystal Reports Certified • Proficient in statistical analysis including SPSS and R • Experienced with Mac, Linux and Windows System Administration • Implemented CRM, VOIP telephony • Wiki deployment • Google Analytics, Adwords, Adsense and Hosted Applications.