

OVERVIEW

RELEVANT DEVELOPMENT PROFILE

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OVERVIEW

My hope is that this document will serve as a brief introduction to my relevant development experience as it relates to PHP, JavaScript, and HTML / CSS. I'd like to present my high level qualifications as they relate to full stack development:

- **SERVER, NETWORK, HOSTING**
 - I have an extensive background in Linux administration, having not only maintained Debian based servers in a production and a development environment
 - My knowledge of *nix based operating systems stretches from Solaris and IRIX all modern ARM based OSs such as OpenELEC and various ports to platforms such as Raspberry PI and CuBox
- **DATA MODELLING**
 - The majority of my development experience has me working directly with, or as the DBA and schema designer for many projects
 - I have an excellent memory for disparate connections, database schemas are like data genealogy, and keeping track of those parent / child relationships and foreign keys is a fun puzzle for me
- **BUSINESS LOGIC**
 - Having worked with many systems designed to provide concrete analytics for management I understand the need for metrics and for accurate data
- **API / MVC**
 - To me, the real heart of the application
 - Proper implementation means scalability later
 - The cleaner the API, the easier the integration
 - This is where the critical collaboration starts. All potential dev users must be engaged and an iterative yet controlled process should be utilized to ensure a balance between external accessibility and operational cleanliness
- **UX**
 - This is the face to the user, and any confusion the user may face should be eliminated at all costs
 - Can be confused for creative and "cool" HTML and CSS development
 - All that said, the interface must push design forward. Innovations should be obvious yet unthought-of
- **CUSTOMER & BUSINESS NEEDS**
 - It's all well and fine to develop something cool, but without a market you've only developed something. I thrive on using strategy to determine the best solution to the customer's needs. Without customer satisfaction the exercise becomes pointless, and that can't happen

QUALIFICATIONS

PHP

I have an extensive background in PHP development starting in PHP3 up to the most current iteration PHP 5. Over the coming days I will be exploring the new error handling in PHP 7 and various new variable declarations.

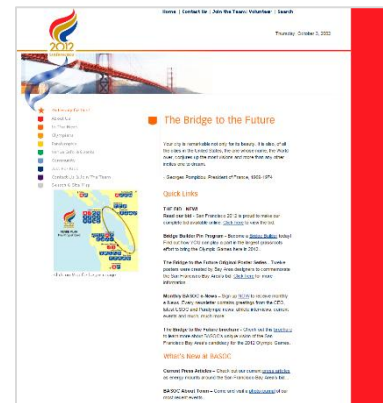
While I feel my CodeIgniter skills could always be improved, I feel that working with Ellis Lab's ExpressionEngine and its use of CI at its foundation gives me a solid view of their MVC framework implementation. My Object Oriented PHP skills are incredibly solid and started with their initial introduction to the PHP language. I am comfortable working with any and all extensions to the language from cURL, to ImageMagick and GD, and PECL extensions like OAuth. I can work easily with encryption, and direct file system and network access. I've PDF invoices from scratch using the PDF extension, and GeoIP located addresses for ad serving software I worked on.

XML processing, editing, and exporting is a breeze, as is parsing through JSON data. Built-in variables and their manipulation is not only easy but kind of fun. I enjoy finding the shortest route to solving a problem without introducing any obfuscation.

JAVASCRIPT

I've been developing in JavaScript consistently since 2001. I've seen the language go from rudimentary prototype libraries to robust UX and toolbox collections like JQuery. It's only natural that Angular and Node.js with its use of Chrome's JS engine would begin their domination of the back and front-end respectively. Before the use of classes like JQuery I was heavily using the Dojo Toolkit and frameworks such as Prototype and even script.aculo.us.

In 2002, while working at Tribal DDB in Vancouver I assisted on the interface and the backend for the BASOC Olympic bid. Though the bid was ultimately unsuccessful the website featured an inline JavaScript based editing interface that asynchronously through PHP calls allowed editing and modifying of the graphics, and ultimately DB data contained within the pages. From a backend standpoint, there were no frameworks or libraries available in 2002 for PHP3. I created my own database abstraction to service all aspects of data updated through these custom libraries.



basoc2012.org

I have complete comfort with editing the DOM with or without a framework such as JQuery.

HTML / CSS

My favorite of the bunch. I started my career working with Netscape 4.7. I'm dating myself I know, but I'm doing so to prove a point. It was ingrained in me as a young developer that there is nothing worse than taking rendering on different devices and platforms for granted. Given the climate of so many touch enabled devices, a new host of problems such as non-responsive sites, and odd rendering issues cropping up because of screen sizes. I strive though creative CSS (or more likely Sass), HTML and JavaScript to solve usability problems for all web enabled platforms. There is nothing I hate worse than a poorly rendered site and you won't see me contributing to the mess.

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SAMPLE CODE

I am currently gathering and collecting as my code samples and screen shots from my previous work. However with close to 15 backup drives containing my collected development life, the bottleneck is simply parsing through the litany of formats and directory structures. Once I have located and collated the breadth of my work I will assemble and provide a link to a source control repository.