



# Jean-Patrick Smith

**Fullstack Engineer | Frontend Architect | Consultant**

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## TECHNICAL SKILLS

**Languages:** JavaScript, C#, Java, PHP, MySQL, HTML5, CSS3

**Frameworks:** Node, Vue.js, React, Angular, .NET, WordPress, Drupal, AEM 6.x

## PROFESSIONAL EXPERIENCE

**Hyatt** <http://www.hyatt.org>

Lead, Front-end Architect, Full-stack Engineer, Consultant

- ⦿ Lead an effort to migrate the legacy rewards program (membership) codebase within AEM (mostly front end) to Sightly and Vue.js. In Q3 of 2018 our team lead the organization in conversions and revenue.
- ⦿ Lead the front-end effort for creating a series of themes and frameworks that now supports over 1,000 individual property sites using AEM/Sightly, APIs, and jQuery/Vanilla JS. Advocated for moving towards ES6 and web components.
- For both teams I consulted for, I setup build processes and dev tools that enabled developers to work faster: WebPack, ES6, Gulp, some custom frameworks and lots of documentation.
- Each team that I moved to I quickly became lead and helped train junior to senior level developers on the ins and outs of the AEM + FE stack.
- Advocated for various performance techniques and worked with senior management to create implementation strategies.

(January 2018 - October 2019)

## **National Marine Manufacturers Association** <http://www.nmma.org>

Front-end Architect, Full-stack Engineer, Consultant

- ⊙ Created a responsive architecture that was used to convert over 30 legacy web properties into new mobile first responsive websites using HTML5, CSS3 and JavaScript/jQuery.
- ⊙ Solely responsive for front end of primary B2C web property discoverboating.com (receives millions of hits per month).
- Responsible for consulting on the latest front-end technologies and implementing tools into the development process and software lifecycle.
- Tools, technologies and topics I'm advocating for at NMMA include: Bootstrap 3, LESS and SASS, Gulp, how to use media queries, semantic but not obsessive markup, mobile first (but really content first), and the responsive design workflow.
- Advocated for advanced performance optimizations on all properties (contract ended before all of my recommendations were implemented like modular and lazy loading, CDN and minification of assets).

(December 2014 - November 2017)

## **3rd Corner Studios** <http://www.3rdcornerstudios.com>

Co-Founder, CTO

- ⊙ Notable clients: U.S. State Department, Porsche, Hyatt and Staples.
- ⊙ Founded a new media company providing next generation web, mobile, audio and video services.
- We focus on making businesses grow. Business partner and I have been programming/designing/consulting for over 20 years now.

(August 2011 – Present)

## **Dancing Astronaut via 3rd Corner Studios** <http://dancingastronaut.com>

Lead Developer, Consultant

- ⊙ Optimized WordPress and servers to handle 1 million+ hits/month
- ⊙ Features include 3D flip book, music player that supports Sound Cloud and direct MP3 tracks, using WordPress as CMS with AJAX front-end so users can play music while browsing.

- Advised on migrating from custom coded bash scripts on the web server to a more formal/modern deployment system using something like Puppet/chef for server infrastructure and Capistrano and git for deployment best practices.
- Helped transition team when the company was bought out, created developer documentation and an editor's guide for ease of use and content editing.

(January 2013 – March 2014)

### **EasyOutsource.com via Cluster IG** <http://www.easyoutsource.com>

Lead Developer, Consultant

- ⊙ 50k+ BuddyPress members
- ⊙ Created custom search index plugin for WordPress/BuddyPress to enable employers quicker search filtering.
- Performed multiple speed optimizations, member database has over 50k users. Integrated a WordPress jobs board plugin with BuddyPress.

(October 2012 – November 2012)

### **Songlyrics.com via Cluster IG**

Lead Developer (PHP, Systems Engineering, X/HTML, CSS, JS).

- ⊙ Optimized and cleaned up PHP code, consulted on speed issues.
- ⊙ Millions of hits per month
- Re-engineered a legacy system and oversaw the new functionality built on both the back end and front end.
- Optimized SQL queries, database maintenance and consulting.
- Implemented redesign focused on buying ring tones.

(March 2011 – October 2011)

### **Cluster IG** <http://www.clusterig.com>

Lead Developer (PHP, X/HTML, CSS, JS).

- ⊙ Optimized Wordpress for speed, created BuddyPress themes, and lead custom development projects.

- Modified and customized open source platforms to provide small and medium sized businesses with a user friendly and affordable CMS.

(December 2010 – November 2012)

### **Graphics MS** <http://www.graphicsms.com>

Lead Developer (PHP, X/HTML, CSS, JS).

- ⊙ Created a WordPress framework that cut development time by 50% for most projects.
- ⊙ Participated in client acquisition, sales, marketing and networking efforts.
- ⊙ Performed project management and administrative duties on top of being the lead/senior programmer.
- Modified and customized open source platforms to provide small and medium sized businesses with a user friendly and affordable CMS.
- Translated designs from PSD to hand written valid X/HTML and CSS.

(November 2008 – December 2010)

### **Knockout Athletics LLC** <http://www.knockoutathletics.com>

Lead Developer (PHP, X/HTML, CSS, JS) & Marketing (SEO, Social Media)

- ⊙ Created an MMA modeling contest that increased unique page views to 1500 / day from approximately .
- ⊙ Increased eCommerce conversions over 10% with speed optimizations, new design integration, SEO and social media marketing.
- Created a Wordpress & OpenCart hybrid that runs the main site and eCommerce portion.

(December 2009 – Present)

### **PurlAgent** <http://www.purlagent.com>

Co-Founder, Lead Developer (PHP/Kohana Framework, X/HTML, CSS, JS).

- ⊙ Social login, integrated Twitter feed via API, Ajax enabled chat (these were cutting edge features in 2010).
- ⊙ Created a social media management application that focuses around a member directory profile system
- ⊙ Solely built the entire application end-to-end.
- Integrated a granular template system that allows companies to maintain brand consistency and made for easy white-labeling.
- Hosted in the Rackspace Cloud, we were early adopters.
- Role based permissions and user management.

(June 2009 – December 2010)

### **Ditley Web Design** <http://www.ditley.com>

Entry Level Developer, promoted to Lead Developer + Solutions Consultant

- ⊙ Assisted in closing clients using a framework for long-term projects I dubbed "The 3 phase approach".
- Provided backend PHP development and frontend X/HTML, CSS and JavaScript solutions.
- Modified and customized open source platforms: Joomla, Drupal, Wordpress & OsCommerce.

(November 2007 – February 2008)

### **Freelance Web Design Experience**

- Developed and designed small to medium sized websites, portfolio available upon request.

(September 2006 – November 2008)

## **OTHER**

### **Shenyang Normal University, China.**

- Taught English as a second language to college-level business students.

(September 2006 – June 2007)

**Gallery 37. Chicago, IL**

- Created art and worked with teams in a Chicago public service program that provided jobs and support for young artists.

(1998-2000)

**REFERENCES**

**Lewis Webb** | Software Architect, NMMA

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