**Carlos Diaz**

[www.thediazportfolio.com](http://www.thediazportfolio.com/)

Front-end developer with over a decade of experience and specialization in complex applications and designs. Experience working for advertising agencies, and large corporations, such as Sears, Kmart, HP, and Marriott Hotels. Back-End development experience with PHP C#, including several Content Management Systems.

**Technical Skills**

 **Programming Experience**

* NEXT.js (advanced)
* JavaScript (advanced)
* TypeScript (advanced)
* HTML (advanced)
* CSS /SASS / LESS (advanced)
* JSON (advanced)
* SQL (beginner)
* C# (intermediate)
* PHP (intermediate)
* Python (intermediate)

**Image editing tools**

* Photoshop (advanced)
* Illustrator (intermediate)
* GIMP (beginner)
* After Effects (intermediate)

**3D Modeling / Editing**

* Blender
* Z-Brush
* Unity
* Threejs
* PlayCanvas

**Content Management Systems**

* WordPress (advanced)
* Kentico (beginner Front-End integration)
* SharePoint (Power User and beginner programming experience)
* CQ5/AEM (intermediate)
* SiteCore CMS (beginner programming experience)

**Relevant Experience**

 **Designory+ (August 2021 to present) Senior Software Developer**

* Created animations using WebGL / THREEjs / SVG / CSS
* Created single page applications using React / Next.Js and Vue / Nuxt
* Worked on several high profile projects, including several 3D applications for HP, Nissan and others
* Recreated the company website with a fresh look, faster loading times, and multilingual capabilities.

**Software used:** HTML5, CSS3, Js, React.js, TypeScript, Vue.js, JSON, THREE.JS, PlayCanvas

**Merge (May 2017 to 2021) Developer**

* Developed and maintained Front-End applications with Kentico CMS
* Integrated with back end code (PHP, Javascript, and C#)
* Created animations using HTML / Canvas / SVG
* Developed Front-End, and Back-End of BTC websites using WordPress/PHP
* Maintained React web applications, with NoSQL geolocation data.
* Created concepts using WebGL and THREEjs
* Consumed APIS within the same and external domains.

**Software used:** HTML5, CSS3, ES6+, React, JSON, Greensock, PHP, THREE.JS WordPress, and limited C#

**Sears Holdings Corporation (Oct 2013 to May 2017) Web Developer**

* Developed components for Sears and Kmart, using JSON, JQuery, and Angular
* Used CQ5 / AEM (Adobe Experience Manager) to create web pages and widgets for several Sears/Kmart websites.
* Improved Front-End Test-Driven Development for our particular environment.
* Cross-browser development with CSS3/ HTML5 of provided Graphic concepts

**Software used:** Adobe Photoshop, HTML5, CSS3, JavaScript, JSON, Java. XML

**Peters and Associates (2013 to 2014) Contractor – Front-End Developer**

* Customized the look of SharePoint 2007-2013 websites
* Created custom SharePoint workflows
* Created a Windows store application, and its supporting web application.

**Software used:** HTML5, CSS3, JavaScript, XML, XAML, C#

**Academy of Nutrition and Dietetics (Nov 2011 to Oct 2013) Web Developer**

* Used Ektron (CM) as developer and administrator to create page templates for the editorial staff
* Used XSLT, CSS, JavaScript, and JavaScript Libraries to create layout templates
* Developed new and maintained existing online games
* Migrated and updated Back-End CMS to the latest versions
* Installed and configured all applications on a secondary server to increase redundancy
* Worked with 3rd party companies to integrate outsourced projects
* Worked with other departments through entire Development Cycles
* Managed others, including 3rd party developers.

**Software used:** Visual Studio, Adobe Photoshop, Illustrator, Action Script 3.0, HTML5, CSS3 ASP.NET, XSLT, SQL.

**Kitchens.com (Oct 2010 to Nov 2011) Web Developer/Designer consultant**

* Used Ektron (CMS tool) as developer and administrator to create page templates for the editorial staff
* Used JavaScript, XSLT, and CSS to create layout templates
* Created micro-sites for advertisement campaigns, using JavaScript, Action Script 3.0 to display Rich Web Content
* Created email templates and artwork
* Became CMS400.NET (Ektron) Developer certified

**Software used:** Visual Studio, Adobe Photoshop, Illustrator, Action Script 3.0, HTML, ASP, ASP.NET, CSS. CMS400.NET.

**TranzAct Technologies (Feb. 2010 to Oct 2010) Developer**

* Replaced existing table based websites with table-less markup
* In charge of several web projects from beginning to end
* Used ASP.NET to create a password-protected website for clients to upload files.
* Users could log into multiple websites using single sign-on
* The secondary website changed branding dynamically (CSS and Master Page) depending on the user’s credentials.

**Software used:** Photoshop, Illustrator, Action Script 3.0, HTML, ASP.NET, JavaScript, and CSS.

**Fantasy Coverage (Jan. 2009 to Dec 2009) Flash Developer/Designer consultant**

* Created a fantasy football draft interface driven by Flash, JavaScript, and ASP.NET
* Assisted in designing new layouts, as well as updated old ones, to table-less CSS designs
* In charge of HTML email campaigns.

**Software used:** Visual Studio, Photoshop, Dreamweaver, Flash, Illustrator, Action Script 3.0, HTML, ASP.NET, and CSS.

**America’s Best Companies (Dec. 2006 to Sept 2008) Flash Developer/Designer**

* Created several flash applications, including one that allowed members to customize their websites
* Developed several flash applications that communicated across servers, using XML, asp.net, and plain HTML
* Responsible for all phases of the creative process. From initial concept (artistic and logistics) to technical execution

**Software used:** Visual Studio, Adobe Photoshop, Dreamweaver, Flash

Programming languages used: Action Script 2.0 and 3.0, HTML, ASP, ASP.NET, CSS and XML.

**Education and Other Skills**
Purdue University alumnus, with Bachelor in Fine Arts, and a concentration in illustration, using digital media. I have minors in Computer Technology, Computer Graphics, English, and Psychology. I am a fluent Spanish speaker, and I speak beginner French and Japanese. I am able to work with teams or as sole member projects of large projects. I also have great attention to detail. I am also creative, friendly, and constantly learning new skills.