

Carlos Diaz

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 / THREE.js / 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.