**Tom Piere**

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Over 14 years of industry experience building web applications. Having spent many years in user interface development, he has excelled in working with designers to deliver high quality features to users. With a broad depth and understanding of numerous technologies, Tom has built cross-browser, standard compliant web solutions on .NET, Java, NodeJs, Serverless and other frameworks. A team player that enjoys collaborative software development, Tom has had great success on each project, while having fun at the same time.

CORE EXPERIENCE

JavaScript 13yrs

Node.js 3yrs

Angular.js 2yrs

React.js 3yrs

React Native 1yr

Amazon Web Services 2yrs

Serverless 2yrs

.Net Framework 10yrs

C# 10yrs

ASP.NET 4yrs

ASP.NET MVC 6yrs

XML 10yrs

CSS 11yrs

Liferay Portal (Java) 3yrs

Spring MVC 2yrs

WORK EXPERIENCE

**uShip February 2017 – Present**

**Senior Software Engineer**

* Worked on full stack development for uShip’s platform
* Built web interfaces in React.js
* Worked on Mobile applications for iOS and Android using React Native
* Built mircoservices in Amazon Web Services using TypeScript, Node.js, and Serverless
* Consumed and developed REST services
* Used Structure Map for dependency injection
* Wrote n-unit, jest, and mocha unit tests
* Worked on selenium integration tests
* Worked on build pipelines in Jenkins and Github Actions
* Used Webpack for front-end processing and bundling
* Used Sass for application styling
* Worked on legacy [ASP.Net](http://ASP.Net) webforms pages written in visual basic

**Environment**: Amazon web services, Serverless framework, Node.js, React.js, React Native, TypesScript, JavaScript, JSON, ASP.Net MVC, C#, immutable.js, AJAX, HTML, CSS, Sass, Mocha and Jest with Karma Unit tests, Mercurial source control, Git source control, SQL, N-Unit tests, REST web services, Structure Map IOC, Rhino mock, Fiddler, HttpDebugger, Chrome developer tools, VS code, Selenium web driver, Postman, npm, jQuery, Postman, Jenkins

**Dell October 2014 – December 2016**

**Senior Principal Software Engineer**

* Worked on an internal e-commerce sales application
* Focused on display and functionality for quotes, carts, product searching and configuration, and payment collection
* Consumed SOAP web services and developed RESTful JSON web services
* Used Structure Map for dependency injection
* Wrote X-unit tests with easy mock
* Built angular.js controllers, services, directives, and templates
* Used angular.js UI-Router to manage state and page transitions
* Wrote Jasmine unit tests to test angular.js
* Used bootstrap and LESS for application styling

**Environment**: ASP.Net MVC, C#, Angular.js, JavaScript, JSON, Underscore.js, AJAX, HTML, XML, CSS, Less, SOAP web services, SOAP-UI, Jasmine Unit tests, TFS, SQL, X-Unit tests, REST web services, Structure Map IOC, Rhino mock, UI-router, Bootstrap, Team City, Fiddler, HttpDebugger, Chrome developer tools

**Anthem (FKA Wellpoint) August 2012 – October 2014**

**Senior Liferay Developer/UI Lead developer**

* Helped build a custom portal for Google employees to access their health insurance: <https://ghealthcare.anthem.com/cp/web/gcaredashboard/home>
* Built a table and custom filter to view health insurance claims using the jQuery DataTables plugin (<http://datatables.net/>)
* Built the online chat and callback features to allow users to communicate with customer service representatives through the website
* Worked on the registration process and added client side form validation using the jQuery validate plugin (<http://jqueryvalidation.org/>).
* Lead the UI development of the provider finder feature which allows users to search for doctors and facilities: <https://ghealthcare.anthem.com/cp/web/gcaredashboard/provider-search>
* Built a custom jQuery plugin to present a searchable dropdown list with accordion categories for the specialty selection on provider finder
* Built the login widget on the homepage which uses a jQuery-UI accordion and library to manage back button(history) functionality: <https://ghealthcare.anthem.com/cp/web/gcaredashboard/home>
* Built a Liferay hook to control HTTP headers for caching and cross-frame scripting
* Worked on velocity templates for the Liferay theme and content management system to display portions of markup on the site
* Worked on general CSS styling, accessibility, cross-browser functionality, and UI work across the site
* Worked with SOAP web services to retrieve data to be displayed on the site
* Built Spring MVC portlets
* Worked on an experimental feature that uses a third party browser plugin, flash integration, and JavaScript AMD with RequireJs
* Wrote QUnit tests for JavaScript
* Wrote jUnit tests with EasyMock

**Environment**: Liferay Portal, Java, jUnit, JavaScript, JSON, JSONP, AJAX, HTML, XML, CSS, SOAP web services, SOAP-UI, jQuery, AUI, Clearcase, Spring, SQL, JSP, Velocity, Clearquest, RequireJs, QUnit

**Ameriprise Financial August 2011 – August 2012**

**Application Developer**

* Refactored the shopping cart on [www.columbiamanagement.com](http://www.columbiamanagement.com/) to use a cross-domain JSONP service
* Built a jQuery plugin to provide a fixed table header when scrolling down a large table.
* Added form validation using the jQuery.validate plugin to the transfer money page on [www.ameriprise.com](http://www.ameriprise.com/)
* Refactored HTML, and CSS to allow more responsive web behavior on the money transfer pages for mobile devices such as the iPad
* Built an AJAX modal dialog to accept the transfer money user agreement
* Built an AJAX modal quick transfer widget to allow users to make a one-time transfer from their account details page

**Environment**: Liferay Portal, Java, JavaScript, JSON, JSONP, AJAX, HTML, XML, CSS, REST services, jQuery, YUI, CVS, Spring, SQL, JSP

**Dow Jones April 2011 – August 2011**

**Application Developer**

* Implemented interactive charts and bar graphs on the Wall Street Journal’s website
* Implemented a solution to display overlaying data points on stock price charts
* Fixed bugs for MarketWatch.com and the Wall Street Journal’s website.

**Environment**: ASP.NET MVC, .NET Framework 4.0, C#, JavaScript, JSON, AJAX, HTML, XML, CSS, REST services, jQuery, dojo, YUI, SVN, Git, Embedding Flash

**Thomson Reuters May 2006 – April 2011**

**Senior Software Engineer**

* Worked on the document display and website for WestlawNext and Westlaw.com
* Built a timeout feature to prompt when a user’s session is about to expire allowing them to continue or sign off.
* Helped architect the XSLT framework for rendering legal documents on WestlawNext
* Built an XSLT testing framework to unit and integration test transforms
* Helped build the personal annotations feature for WestlawNext which allows users to add notes and highlights to documents using their browser
* Lead the implementation of document chunking which breaks large documents into pieces for online display
* Helped build the copy-with-reference feature which appends the legal citation to the user’s selected text and copies the text to the clipboard using adobe Flash
* Built the document toolbar to render JavaScript widgets that interact with document text
* Built a JavaScript footnote hover widget to display text of footnotes when hovering over a referenceBuilt REST services to retrieve information about legal documents
* Helped build a process to convert XHTML to XSL-FO to allow documents to be delivered as PDF’s, RTF, DOC, etc.

**Environment**: ASP.Net, ASP.NET MVC, .NET Framework 2.0/3.5, C#, SQL Server, JavaScript, HTML, XML, XSL-FO, Mac iOS, Xcode, CSS, REST services, jQuery, Adobe Flex, TFS, VSS

**Destineer Studios June 2004 – August 2005**

**Video Game Tester**

* Provided user experience and quality assurance testing for “Close Combat: First To Fight”: a military first person shooter video game for PC, Mac, and Xbox
* Wrote bug reports and assisted engineers with debugging issues

**EDUCATION**

University of Minnesota Twin Cities: Institute of Technology

Bachelor of Science: Computer Science with Distinction