

Experience:

Senior Web UI Developer/Manger of Web App. UI Development – United Airlines, Houston, TX

January 2012 – October 2017

- Architected, developed, and launched the next-generation United.com
- Established front-end architecture and coding standards across United's ecommerce applications
- Engineered and developed (full-stack) numerous large, high-impact products and feature enhancements to United's ecommerce applications
- Worked side-by-side with team members in various company roles (leadership, business development, design, marketing, testing) to design and refine the application user experience
- Responsible for the remediation of United.com to meet the Web Content Accessibility Guidelines (WCAG) 2.0 AA guidelines and was a team recipient of the 2017 Access Award by the American Foundation for the Blind
- Successfully fostered the transformation of United eCommerce software development from traditional waterfall to agile using extreme programming methodologies
- Implemented and maintained automated continuous delivery servers (GoCD and TeamCity) to enable continuous integration and continuous delivery of new United.com products and features
- Practiced test-driven development (TDD) and integrated multiple levels of the testing pyramid (unit tests, integration, functional/UI) into the United.com continuous delivery pipelines

Web Developer – Hartigen Solutions, Houston, TX

March 2009 – January 2012

- Functioned as a lead front-end developer for a startup North American power market web application
- Designed and developed client-side application code using multiple JavaScript frameworks and tools such as ExtJS, jQuery, and Backbone.js
- Implemented real-time web application behaviors using various HTML5 APIs such as WebSockets
- Developed using the latest and greatest CSS and JavaScript features while falling back gracefully in less capable browsers
- Worked directly and effectively with team members in all other company roles (leadership, sales, design, testing) to design and refine the application user experience

Front-End Web Developer – Arrow Electronics Inc., Englewood, CO

October 2009 – January 2012

- Collaborated with an international team of developers to successfully design, develop, and launch a suite of global ecommerce web applications and tools
- Designed and developed application UI based on UX standards, industry standards, and analysis of customer feedback
- Integrated HTML/CSS templates with restful web services
- Lead multiple speed optimization initiatives increasing page load time by as much as six times faster
- Implemented ecommerce functionality across multiple web environments and with multiple web teams around the globe

Web Developer – Purdue University Technical Assistance Program, West Lafayette, IN

February 2007 – June 2009

- Collaborated with clients to determine their needs for initiating or expanding their web presence
- Designed, developed, and maintained cross browser compatible, standards-based, and search engine optimized sites for various Purdue business organizations and external clients
- Responsible for full stack web development
- Provided IT/desktop support for approximately 20 on-site users as well as approximately 20 remote users
- Trained users in desktop applications and web development

What I Know:

Languages and Frameworks

HTML5, CSS3, SASS, JavaScript (ES6), jQuery, Node.js, React, ExtJS, JSON, WebAPIs, Handlebars, C#, ASP.NET MVC, Selenium

Minor experience with: AngularJS, Vue.js, Python, Backbone.js, SQL

Development Practices and Methodologies

Single page applications, MV*, object-oriented programming, XHR, accessibility (Section 508 / WCAG), data API (Restful) integration, cross-device/browser development and testing, performance optimization, web semantics, continuous integration, continuous delivery, unit testing, functional testing, agile development, extreme programming (XP), search engine optimization

Tooling and Workflow

Task runners (Gulp, Grunt, Cake), Webpack, Browserify, Version control (Git, TFS), Package management (NPM, Bower), Postman, Fiddler, browser developer tools, GoCD

IDEs and Software

Visual Studio, Visual Studio Code, Atom, Adobe Creative Suite (Illustrator, Photoshop), SQL Server

Education:

Purdue University, West Lafayette, IN

August 2003 – May 2008

- Bachelor of Science in Computer Graphics Technology with a minor in Computer and Information Technology
- Graduation GPA – 3.40/4.0, Honors in multiple semesters, First Semester Dean's List