

980.224.0629
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github.com/papiro
West Jordan, UT

Pierre Pirault

Senior / Lead Web Developer

Summary



6+ years of experience in designing & developing feature-rich web applications using HTML, CSS, and JavaScript.

Capable of quickly learning and delivering solutions as an individual and as a part of a team.

Ability to lead a team, both technically and as the liaison between Technology and Business.

Devoted to communication as a fundamental part of creating lasting

Devoted to communication as a fundamental part of creating lasting software.

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Self-reliant with excellent forecastpierre.pirault@digitalimconsulting.com
high pressure situations.

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Microsoft Certified Specialist (MCS): Programming in HTML5 with
JavaScript and CSS3 Specialist

Expertise in

- 0 JavaScript (ES6)
- 1 DOM API
- 2 Node.js
- 3 NPM
- 4 jQuery
- 5 React
- 6 Redux
- 7 Web technologies (HTML, CSS, HTTP)
- 8 Web servers (NGINX, Express)
- 9 Responsive Web Development
- 10 Application design and architecture
- 11 Forms
- 12 Cross-browser feature compatability (caniuse.com)
- 13 Version Control (Git, SVN)
- 14 OOP
- 15 RegEx
- 16 Browser Developer Tools (debugging/diagnosing)
- 17 Synchronous/Asynchronous process harmonization
- 18 Automation
- 19 Code refactor

Experience with

Typescript
RxJS
Angular
Angular.js
D3
Ansible
Grafana
Redis
C
Java
POSIX/BASH Shell and Scripting

SQL
Linux (Ubuntu, ArchLinux)
FreeBSD
Build tools such as Webpack, Babel, and (with scripts)
Vim
Sublime Text
HTML templating libraries (Handlebars, Pug)
Passport.js
CSS preprocessors
PostCSS
eCommerce
server administration
Rapid prototyping
Agile
offshore/onshore model
WCAG
Accessibility testing, using JAWS, iOS VoiceOver and Android TalkBack
Unit, Integration, E2E testing, and TDD, using QUnit, Jasmine, Mocha, Chai, and Phantom.js
Management/planning tools such as JIRA, Rally, Microsoft Excel
Wireframing
Flow / UML diagrams
Confluence / WiKi's
Production build and deployment procedures

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Work Experience



Murray, Utah
(2 mo) October 2018 – Present

UI Developer

Senior Full-stack developer building a web-app engine which generates

... .. a white-labeled site to be used by credit unions to run their internal and public-facing operations, such as
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Using advanced React to build an "engine" to generate a site.
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Using many HOCs and functional programming techniques.
Working within a .NET back-end.



Remote
(4 mo) August 2018 – December 2018

UI Developer

Chief architect and developer of rapidly developed MVP of Binary Tree's Innovation Lab's flagship Cost Governance product.

Sole UI developer for first 3 months.
Worked in pace with 3 back-end devs.
Scaffolded React app using create-react-app and ejected.
Customized webpack configs, DRY'ing up similarities using webpack-merge.
Implemented Redux state management.
Built custom Form implementation to rapidly flesh out 7 forms for first demo.
Swapped custom form implementation for robust solution using several different libraries, including Formik.
Built highly complex custom components, using JavaScript and React best-practices.
Used react-router as routing implementation.
Worked with TFS and tracked work against stories and tasks, providing detailed estimates daily.
Worked with fully remote team, using Skype for Business as the primary method of communication.



Lindon, Utah
(3 mo) August 2018 – November 2018

Full-stack Engineer

Chief UI/UX designer, architect, and lead engineer of Angular GUI to manage server nodes in clusters via 980.224.0629
Node.js. Drastically changed gears tpierre.pirault@digitalimconsulting.com
advanced D3 visualization to provide github.com/papiro
visually monitoring large clusters o.
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Angular, Typescript, angular-cli, angular-material, RxJs, Axure, Git, Node, ES6, D3, Ansible, Grafana, Webpack

Created interaction prototype to rapidly test UX ideas using Axure.

Designed Angular app structure in generic, composable, and reusable way.

Wrote Node script to translate JSON representation of module/component tree into a newly scaffolded application tree, using angular-cli as a back-end.

Built login page and implemented complex routing scheme, using lazy-loaded modules and an AuthGuard.

Code-reviews on Node.js application logic in BitBucket.

Ramped up on Ansible and prepared presentation comparing the pros and cons of Ansible's AWX and a roll-your-own solution

Built complex D3 visualization from scratch, incorporating zooming and panning and HTML overlays

Turned D3 visualization into Grafana plugin.

Bank of America



Charlotte, North Carolina
(2 yrs 6 mo) March 2016 – August 2018

UI Lead

Senior engineer on a home-grown build platform and UI framework based on Node.js called SPARTA. Successfully navigated several teams and became liaison between Payments/Transfers and the platform team. As lead, studied complex wireframes and ensured successful design, build, and release of several projects, including Zelle enrollment and the "add an alias" functionality to enable Email/Mobile Transfers. Managed several team members as direct-reports, as well as stayed ahead of technological trends and brought their implementation into harmony within an environment focused on stability and security.

Node, ES6, jQuery, React, Redux, Webpack, Express, MVC

Worked on feature development and debugging large Node.js project in enterprise environment

Built CLI tools using Node.js and BASH scripts to automate and streamline common tasks during development across the organization, eliminating pain

points for 40-50 developers.

Designed and built a deployment dashboard for 50 developers, using React, react-router, and Redux. 980.224.0629
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Built a component library similar to React-Bootstrap, comprised of a model, a view, and a controller.
Built a Web-UI and mock REST API server for Erica, consuming the JSON responses meant for Native app development as a POC.

Experience managing and leading: 5 direct-reports; code reviews; mentoring; interviewing; onboarding

Agile environment.

Review complex wireframes and visual specs / Application design planning / Architecture and UI component implementation planning.

Building and maintenance of global UI components.

Worked closely with team, including offshore members, to rapidly build POC's.

Functioned as lead UI architect and engineer for new feature development, and Node.js SME and lead for Payments/Transfers

Worked closely with UX consultants to review visual designs and with ADA analysts to ensure ADA-compliance in UI components.

Build complex features and components using coding best-practices.

Code-review/audit.

Debug and fix complex ADA issues, using code refactoring and ARIA attributes.

Test pages using JAWS, Android TalkBack, and iOS VoiceOver.



Ann Arbor, Michigan

(1 yr 5 mo) September 2014 – March 2016

UI Lead

Internationalized dominos.com by: enabling it to render RTL languages (Arabic) through the use of CSS; enabling use of different digital payment vendors by building a "payment gateway" using inversion of control to isolate the differences between implementations into configuration objects; building a "store-locator" using the Google Maps API and the "drop-a-pin" feature; and leading the effort to produce versions of the site for the Dominican Republic, Jamaica, Bahamas, Colombia, South Africa, Saudi Arabia, Egypt, Qatar, and Italy.

Almost single-handedly implemented the internationalization of the Dominos.com responsive web eCommerce platform.

Led team of 3 developers in construction of Dominos.com sites for Jamaica, Bahamas, Columbia, Dominican Republic, Saint Martin, Saudi Arabia, Egypt, Lebanon, Qatar, South Africa, and Italy.

Built internal tool using Backbone.js to provide a portal for international

franchisees to streamline the updating of webapp assets to shift the responsibility from the front-end developer
Helped to build a platform using Node.js and run unit tests of web application.
Wrote scripts using Node.js to automate files.

Wrote a Node.js script to convert all characters on the site into Chinese characters as a POC.

January 2012 – January 2013

Impact Applications, LLC

worked remotely building and maintaining various pages, websites, and applications for small businesses.

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HTML, CSS, JavaScript, jQuery, Angular.
Worked briefly with a wide range of tech end.

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Provisioned servers, installed and configured web servers, and deployed applications.

Wordpress installations and configurations

Built restaurant ticketing application using Angular.js

Built portfolio hub show-casing different websites using jQuery animations and iFrames

Experience with Cross-browser HTML and CSS layout compatibility;

Developer tools for Internet Explorer and Chrome. Firebug for Mozilla Firefox.

The Empowerment Network (TEN)

Bethesda, Maryland

(2 mo) August 1996 – September 1996

Website Developer

During the summer, was hired by the non-profit company my mom worked for to build their first online presence - for which I was paid \$350.

Hand-coded The Empowerment Network's first Website using Microsoft Notepad and Internet Explorer.

Used only HTML.

Used tables to achieve a navbar and a 2-column layout.

Used HTML attributes to achieve all styling.