TERRENCE CROSSDALE
Senior Front-End Engineer

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SUMMARY

Passionate and experienced Front-End Engineer with over 9 years of experience building interactive and dynamic user interfaces. I thrive on today's challenges of using the latest web and application frameworks for innovative technical solutions and to enhance end-user experiences through technology.

AREAS OF FOCUS

Web/Application Development, Responsive Web Design, Interactive UX Design, Data Visualization, Search Engine Optimization, Cross-Browser Compatibility, Information Architecture, Web Optimization

TECHNICAL SKILLS

Programming Languages	HTML(5), CSS(3), JavaScript(ES6), PHP, Node.js, NPM, .NET, JSON, XML, SQL
Frameworks & Libraries:	jQuery, Bootstrap, Highcharts, Angular, Backbone, React, Redux, Wordpress
Data Storage:	RESTful API Services, Google Analytics, Google Maps
Styling:	Sass, Less, Bootstrap
Tools:	Visual Studio Code, Firebug, Terminal, Chrome DevTools, Git/Subversion, Photoshop, Sketch

PROFESSIONAL EXPERIENCE

iMack Software, LLC - New York City, NY
Senior Web Developer (Aug 2019 – Present)
- Provided application software updates in JavaScript to client administrative dashboard applications including restructuring React components into more manageable, functional components utilizing the latest React hooks capabilities.
- Created custom plugins, templates, and functions in PHP for Wordpress based sites which attributed to more dynamic websites.
- Optimized pages for page speed using Google Page Speed to obtain higher rankings on Search Engines.
- Fixed front-end bugs (HTML, CSS, JavaScript errors) and conducted A/B testing to identify and address necessary improvements for a better user experience.

Technologies: HTML5, CSS3, JavaScript/ES6/jQuery, React.js, PHP, MySQL, Wordpress, Restful API Services

Equinox Holdings Inc. - New York City, NY
Lead Front-End Engineer (Nov 2016 – Aug 2019)
- Contributed to the programming, integration and UI standards documentation of the React-based component library meant for other company-wide products.
- Refined legacy JavaScript code to ES6 and worked with .NET back-end engineers to expand UI features by developing and integrating new dynamic components for web pages.
- Developed proof of concept of legacy website refactored with React, Redux, Contentful as a CMS platform in addition to Adobe Manager Experience as a way to decouple website structure, make content reusable, extensible and provide a more streamlined way to deliver more engaging, personalized digital experiences.
- Spearheaded codebase restructure, website optimizations and deployment automation efforts, using Gulp and minified JS and CSS, which significantly attributed to improved page load times.

Technologies: HTML5, CSS3, Sass, JavaScript/ES6/jQuery, Backbone.js, React.js, Redux, Node.js Bootstrap, .NET Sitecore, NPM, Gulp, Webpack, AWS, Restful API Services

Evoke Health - New York City, NY
Web Developer (Mar 2016 – Nov 2016)
- Delivered enhanced website user experiences with HTML5, CSS and JavaScript.
- Performed cross-browser compatibility testing and web optimization tasks through compression of web assets, code, increasing page speed on pages for 15+ websites.
- Fixed production bugs from existing websites and implemented UI enhancements that significantly improved functionalities and overall digital experiences.

Technologies: HTML5, CSS3, Sass, JavaScript/jQuery, Node.js, Grunt, Subversion, Google Analytics

BrightLine Partners, LLC - New York City, NY
Software Engineer (Oct 2015 – Mar 2016)
- Fully coded various client web application templates in HTML5, CSS3 and Backbone.js that were integrated and used as the company standard for new and existing applications.
- Leveraged node and gulp for task automation to enhance and streamline cross-functional team workflow which assisted in a more robust deployment process of application software to production servers.
- Maintained a collaborative workflow with back-end developers to ensure seamless integration of front-end and back-end application functionalities.

Technologies: HTML5, CSS3, Less, JavaScript, JSON, Backbone.js, Node.js

OpenCrowd Inc. - New York City, NY
UI/UX Developer (Mar 2013 – Mar 2014)
- Developed and maintained critical components of internal web applications, including enhanced reporting tools and data visualization components.
- Worked directly with designers and client stakeholders to develop improved technical solutions for business cases.

- Responsible for coding the dynamic user interface of the company's flagship search enterprise application, in addition to developing the associated fully responsive marketing website.

Technologies: HTML5, CSS3, Sass, JavaScript, Angular JS, Ext JS, Python, Grunt

Incentient, LLC. - Plainview, NY
Web Application Developer (May 2010 – Mar 2013)
- Produced visual elements of web applications by translating UI/UX design wireframes into code while producing high quality, reusable markup using HTML5 and CSS3 and JavaScript.
- Carried out UI quality assurance tests to identify errors and optimize UX for new and existing applications.
- Provided extensive UI standards, software and web documentation to the company's internal wiki site — used for training purposes with new and existing developers.

Technologies: HTML, CSS, JavaScript/jQuery, PHP, MySQL

EDUCATION

Stony Brook University (Stony Brook, NY), 2004 - 2009
Bachelor of Science in Information Systems