

JAYSON MONTERROSO

SOFTWARE DEVELOPER

ABOUT

Experienced Software Engineer with a track record of delivering successful projects for global clients across various industries, comprehensive knowledge of javascript frontend frameworks, CSS, mobile development, and best coding practices. Over 15 years of experience in web development, committed to continuous learning and self-improvement. Passionate about using my skills to deliver high-quality solutions for clients.

CONTACT DETAILS

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OVERVIEW EXPERIENCE

Software Engineer | Notch | Toronto, ON, CA

2022 – Current

- Implemented the Adding Payment Methods module to the product platform, from scratch to production-ready, using the Balance B2B Payment solution.
- Migrated several web applications to be used in the iOS/Android Apps, resulting in a 60% decrease in time-to-market and a more developer-friendly environment.
- Conducted research and testing on Enzyme JS to ensure code coverage and test unit stability, increasing the coverage percentage from 15% to 80%.
- Implemented and maintained a shared UI library for all mobile and web products, utilizing Tailwind UI, to ensure design consistency across the customer experience. This initiative resulted in a 60% decrease in development time and significantly increased the reliability of the applications.
- Developed new shop experience from scratch using modern libraries, improving mobile experience and reducing customer friction for native and web users.
- Developed a module for invoice image or PDF upload, integrated with backend OCR services to automatically detect bill details and generate entries in the database, enabling seamless integration with other software applications such as QuickBooks Online (QBO) or Netsuite.

Technologies: React, Redux, Typescript, Storybook, TailwindCSS, Jest, Enzyme, NodeJs, Postgre SQL, Kubernetes, AWS.

Front End Engineer | Stackhawk | Denver, CO, USA / Remote

2019 – 2021

- Collaborated on building the product web application from an early stage through beta, alpha, and production stages, iterating on functionality, unit testing, and design to provide an accessible, UX, and compliant application.
- Collaborated with redesigning the product documentation website by doing the whole UI architecture to support dark/light modes using a Jamstack approach.
- Migrated the marketing www website from WP into GatsbyJS+Headless CMS(Contentful) improving the website speed metrics and providing a better UX and SEO.
- Coached and led a team of 5 high-performing front-end engineers.
- Helped to scale the platform from a \$0 ARR to almost \$1 million ARR
- **Technologies:** React, Redux, Typescript, Storybook, Styled Components, Jest, Enzyme, Testing Library, Kubernetes, AWS, Gatsby Cloud

Software Engineer | Gorilla Logic | San Jose, Costa Rica

2017 – 2020

Development Lead @ *Serena and Lily*

- Developed a sales estimate module to streamline and improve the manual process for sales reps
- Mentored and led a team of 5 software engineers, helping them build new functionality and improve coding practices
- Significantly improved load speed of e-commerce website from 10 seconds to 2 seconds
- Created design advice functionality, enabling customers to ask for design advice and share pictures of spaces for redesigning

Technologies: Salesforce Commerce Cloud, Node.js Rhino, Javascript, Webpack, Sendgrid API.

Software Developer @ *Splunk*

- Served as Head of Web Development for marketing for Splunk + VictorOps, overseeing redesign and migration of main marketing website from WordPress to Jamstack approach using Jekyll static generator
- Planned and implemented global UI components, optimizing website performance and ensuring accessibility compliance (ADA) in all aspects of design and structure
- Migrated content from WordPress to Jekyll static generator, connected to Contentful for content management
- Skilled in leading the full development cycle, including planning, implementation, and testing

Technologies: Node, Jekyll(Ruby), ES6, SCSS, HTML, Netlify, Contentful Api

Senior Front End Engineer | Eleven Systems | Mill Valley, CA, USA / Remote

2016 – 2017

- Developed scalable Angular modules to support a large single web application
- Utilized AngularJS to hook up restful services and handle complex data
- Implemented financial charts using Highcharts JS
- Designed and implemented Financial Module Page UI/UX, integrating with Salesforce data

Technologies: Angular, HTML/5, CSS3, SCSS(BEM), and ES6

Principal Layer Engineer | Prodigious Latam | Heredia, Costa Rica

2013 – 2016

- Migrated marketing website from .NET to Java architecture, improving scalability and deployment for the client (smartusa.com)
- Led UI planning, development, testing, and bug-fixing efforts
- Developed multiple Facebook social applications and games to support digital marketing strategy
- Created 3D interior viewer using three.js to enhance customer experience on the website
- Conducted A/B testing campaigns and iterated on UI changes based on tracking analysis and client requests

Technologies: AngularJS/Three.js, CSS3/SCSS(BEM), Neat, CoffeeScript, and HTML5

Web Developer | Accenture | Heredia, Costa Rica

2011 – 2013

- Experienced web developer with a track record of delivering successful projects for global Fortune 500 clients
- Developed hybrid mobile application (iOS/Android) using Sencha Touch Javascript framework for Merck Pharmaceutical
- Worked as a backend developer (PHP) to create website architecture and functionality from scratch for a WordPress website (costaricavacations.com)
- Created a WordPress plugin to support loading images from the external Razuna CDN server
- Developed Single Page Application to display college football scores and statistics using Backbone.js and consuming

restful services for Gatorade

Technologies: AngularJS, HTML/5, CSS3, SCSS, Compass, Sencha Touch, Backbone.js, jQuery, and Javascript

Web Developer @ Bank of America | Bosz digital | San José, Costa Rica **2011**

- Developed mobile and web landing pages to support local and global marketing campaigns, meeting client requirements and specifications
- Conducted audit of all digital code assets and migrated from nearshore vendor to in-house codebase
- Ensured accessibility compliance across all landing pages, certified with ADA certification for accessibility coding best practices
- Created and updated website landing pages according to accessibility best practices (a11y)

Technologies: HTML/5, CSS3, jQuery, jQuery Mobile, and Javascript

Full Stack Developer | Latitude Ten North | San José, Costa Rica **2010 – 2011**

- Evaluated project technological environments and provided development stack and timeline estimates
- Developed websites for political parties from scratch using PHP frameworks and CMS such as WordPress and Expression Engine, meeting client requirements for backend and frontend functionality
- Provided support and maintenance for religious and political non-profit websites in the US, including implementing new functionality and fixing bugs

Technologies: HTML/5, CSS3, jQuery, Javascript, PHP, and MySQL

Full Stack Developer | Electrodomesticos Casablanca | San José, Costa Rica **2007 – 2010**

- Developed corporate Intranet for internal communication and processes
- Built global website from scratch using Joomla, responsible for design, backend, frontend, and content management
- Migrated and replicated MS SQL Server database to MySQL, specifically inventory tables to ensure consistency between internal and eCommerce website
- Implemented financial web service on Intranet to determine client creditworthiness using personal ID

Technologies: HTML/5, CSS3, jQuery, Javascript, PHP, MySQL, Joomla, C#, and MS SQL Server

ADDITIONAL ACTIVITIES

College Profesor | Universidad Tecnica Nacional | Alajuela, Costa Rica **2021 – 2022**

- Taught a college course on Web Application Development using Open-Source technologies at Universidad Tecnica Nacional (Alajuela, Costa Rica)
- The course covered the MEAN (MongoDB, Express, Angular, Node.js) stack and provided students with hands-on experience
- Created video resources and code examples to support student learning
- Emphasized the importance of open-source technologies in web development

ACADEMIC BACKGROUND

UNIVERSIDAD LATINA - Master in Telematics and Networks (Pending 1 subject and final project) | Heredia, Costa Rica

UNADEC - Bachelor of Computer Systems Engineering | Alajuela, Costa Rica