

# TOMAS URENA

Senior Software Engineer

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## PROFESSIONAL SUMMARY

- 9 years of experience as a senior software engineer in using HTML, HTML5, CSS, CSS3, SASS, JavaScript, TypeScript, ES6, React, Node, Express, and AWS.
- 9 years of IT experience involved in various stages of the Software Development Life Cycle from requirements gathering, design, enhancement, testing, modeling, analysis, and production as a software engineer.
- Well-versed with JavaScript / React / WordPress/ Node / Express / MySQL / MongoDB.
- Rich experience with HTML, CSS, and JavaScript.
- Extensive knowledge in developing single-page applications (SPAs).
- Experience in React for creating interactive UIs using One-way data flow, Virtual DOM, and JSX.

## SKILLS

- **Front End Development**  
Semantic HTML5 | CSS3 | media queries | animations | Photoshop | SEO | Figma | Tailwind CSS
- **React**  
JSX | React Hooks | Material UI | React Context | Styled Component | Redux | **Next.js**
- **Vue/VueX/Nuxt.js**
- **SCSS/Sass/Less/Stylus**
- **JavaScript, ES6+, C/C++, TypeScript**
- **UI/UX**
- **Git and Github**
- **Jest/Jasmine**
- **Google Searching & Google Analytics**
- **Webpack Nodejs & Express Js**
- **Google Cloud**
- **Docker**
- **Gulp**
- **Storybook & Pattern-Lab**
- **Axios**
- **Wordpress**
- **Blockchain EtherJs**
- **AWS**
- **CMS - WordPress**

## EXPERIENCE

**Senior Software Engineer (Frontend)**, GE-Digital, San Ramon, CA  
(Remote)

Nov 2020 – Present

- Celebrated our team's successes, both big and small, and recognize the contributions of individual team members
- Collaborated with various team members and stakeholders on requirements definition and feature design and development
- Showed my team members the right way to approach software development by writing high-quality code, following best practices, and staying up-to-date with the latest technologies and tools
- Took the time to mentor and coach junior software engineers, helping them to develop their skills and grow as professionals
- Shared my knowledge and experience, and provided constructive feedback on junior's work
- Migrated Vue2.0 to Vue3.0 using composition APIs and TypeScript

- Developed UI components for a Content Management System using Vue.js and TailwindCSS
- Used Vuex as global state management library to share states between the components and avoid props drilling
- Developed responsive client-side applications to integrate with server-side using JavaScript, jQuery, AngularJS, NodeJS, Vue.js, and Bootstrap
- Replaced correct Vue directives for the correct situation
- Structure scalable codebase using React/Vue, manage states using Vuex/Redux/ContextAPI
- Refactor Vue projects to Vue3.0, using Composition API, use correct and efficient directives for the right situation
- Used Vue.js 3.0's Fragments and Teleport features to improve code structure and facilitate component rendering
- Leveraged Vue Router 4.0 in Vue.js 3.0 projects to manage client-side routing with improved performance
- Worked with the new Vite build tool to scaffold and optimize Vue.js 3.0 projects
- Implemented the new Composition API's refactoring capabilities in Vue.js 3.0, enhancing code readability and organization
- Utilized the new Composition API's reactive and computed features in Vue.js 3.0 for efficient data management
- Worked with Vue.js 3.0's teleportation feature to dynamically render components in different parts of the DOM
- Optimized rendering performance in Vue.js 3.0 by leveraging the new Fast Refresh feature for instant code updates during development
- Used Vue.js 3.0's TypeScript support to build type-safe Vue applications
- Developed high traffic, responsive web applications utilizing JavaScript, HTML5, CSS3, AJAX, React, Redux, React Hooks
- Worked with React Router for client-side routing and Axios for making API calls for Rest APIs
- Had experience in working with CSS preprocessors such as SASS and LESS to style the component
- Worked with Git for version control and had experience in working in a team environment following Agile development methodologies
- Developed and maintained website content using WordPress CMS, including creating custom themes and plugins, and managing website backups and updates
- Implemented SEO best practices into website content management
- Trained colleagues on CMS best practices and provided technical support for website management, resulting in improved efficiency and accuracy in content updates
- Wrote unit tests for the React components using Jest and Enzyme
- Worked with using Axios, Fetch to make API calls, and GraphQL
- Optimized the application's performance by using Lazy loading and Virtualization
- Developed Single Page Application (SPA) based on React and Bootstrap frameworks
- Hands-on experience with Cognito, amplify, EC2, ECS, ELB, S3, RDS, SNS, SES, Lambda, Storage Gateway, Dynamo DB and Auto scaling in AWS
- Deployed and managed multiple web applications using AWS Elastic Beanstalk and EC2 instances
- Utilized AWS S3 to store and manage user-generated content such as images and videos

- Developed front-end UI using HTML5, CSS3, JavaScript, jQuery, jQuery plugins, Bootstrap JSON, Vue.js
- Utilized Vuex in Vue.js 2.0 for state management in large-scale applications
- Worked with Vue CLI to scaffold and build Vue.js 2.0 projects
- Implemented Vue.js 2.0 directives to manipulate the DOM and enhance interactivity
- Used Vue.js 2.0 to consume RESTful APIs and handle asynchronous data fetching
- Developed a real-time chat application using Vue.js, Vuex, and Socket.io
- Used React hooks such as useState, useEffect, useSelector, and useDispatch
- Built reusable components and had a strong understanding of component lifecycle
- Implemented the application's UI using component-based architecture in React
- Managed the application's state using Redux and integrating it with the React components
- Worked with a team of developers to implement features such as product filtering, sorting, and pagination using React hooks
- Collaborated with the design team to ensure the application's UI was responsive and accessible
- Had opportunity to work on a project where we migrated an existing Angular application to React
- Implemented responsive design using CSS Grid and Flexbox to ensure optimal user experience on all device sizes
- Improved data fetching by leveraging GraphQL capabilities to narrow a set of queried fields
- Worked in agile sprints building new features and enhancing existing areas of our tools using Next, React.js, MySQL, AWS, and Web3

**Software Engineer, Ideal Marketing, Needham, MA**

Sep 2016 – Mar 2018

- Developed responsive client-side applications to integrate with server-side using JavaScript, jQuery, AngularJS, NodeJS, Vue.js, and Bootstrap
- Debugged and resolved issues in Vue.js 2.0 applications using browser developer tools and Vue Devtools
- Implemented internationalization (i18n) support in Vue.js 2.0 applications to cater to multilingual users
- Used Vue.js 2.0 transitions and animations to create visually appealing UI effects
- Developed a tour booking website in Angular and NodeJS
- Designed and edited templates for Angular framework
- Programmed user interfaces and front-facing functionality based on design mockups
- Developed and maintained critical components of the e-commerce website, including the shopping cart, quick view, and checkout page, using React components
- Contributed unit & integration tests to existing projects to ensure the functionality of the application operates as expected
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**Software Engineer, HTMLPanda, Boston, MA**

Oct 2015 – Aug 2016

- Fixed a bug that reduced user complaints on the library website by 36%
- Demonstrated expertise in creating architecture blueprints and detailed documentation
- Built a feature that improved click-through rate of website by 22%
- Facilitated in development of User Interface using HTML/HTML5, CSS/SCSS, JavaScript and jQuery, AJAX, JSON, PHP

**Junior Frontend developer**, Webby Central, Boston, MA

Feb 2014 – Jun 2015

- Used React-Router to turn application into Single Page Application
- Responsible for React UI and architecture
- Building components library, including Tree, Slide-View, and Table Grid
- Experience in RESTful web services to integrate between Server side to Client Side
- Served as a friendly, hardworking, and punctual employee

## EDUCATION

B.S. in Computer science, Northeastern Illinois University  
October 2011 - September 2015

## LANGUAGES

English: Native