

Experience Summary

Innovative Senior Frontend Engineer with over 6 years of experience in website design and API development. Demonstrated talent for front and back-end web development to optimize online presence. Seasoned expert in languages such as HTML, JavaScript and Typescript as well as scripting frameworks like Vue.js, Backbone.js Angular.js, Angular 4, ReactJS, Apollo GraphQL, Express.js and Node.js

Work History

Aug,2021 – **Senior UI Engineer**

current

Johnson Controls, Inc,

- Worked on developing UI for a cloud-based security application for buildings which involves user login, account, roles, rights management for both authentication and authorization purposes.
- Worked on creating React components using Material UI based on wireframes and worked closely with UX team to enhance them based on application feasibility.
- Used React-thunk as a store for data management across application and redux.
- Develop common/shared components so that they can be reused and followed DRY concept to avoid code duplication.
- Worked on developing APIs in NodeJS and updating tables in PostgreSQL using pgAdmin and pgModeler.

April,2020 – **Senior Front-end Engineer**

August,2021

eHealth, Inc, Santa Clara, CA

- Worked on migrating legacy e-commerce application from backbone.js to Vue.js using frameworks like VueJS, apollo GraphQL.
- Used vue-router, slots, mixins, dynamic loading and transitions that vue offers to enhance code reusability and ease of navigation across views.
- Used Vue-apollo and Vuex for state management across the web application and worked on writing APIs using graphql to call REST services in the backend.
- Used backend for front-end architecture (BFF) to maintain easier code organization and improve availability to end-user.
- Used tailwind.css library to optimize the CSS class usage across application and maintain uniformity.

- Helped improve the page performance by using industry best practices to optimize code and tracked the metrics using speed curve which helped to refactor key areas of application performance.

June,2015 –
April,2020

Senior Full-stack Web Developer

Kaiser Permanente, Pleasanton, CA

- Web 2.0 developer involved in all aspects of the project right from requirements phase to production support and worked in agile work environment.
- Participated in gathering and documenting client needs to granularity and worked towards prototyping the same.
- Interacted with client periodically to gather requirements and presenting demos.
- Structured JavaScript code using Backbone.js, Angular.js (1.5, 2.x) frameworks and used libraries like UnderscoreJS and Lodash for developing rich UI web applications.
- Used Angular 1.5 with Typescript to develop a Single Sign-on web application for KP.org and helped in transitioning application from Backbone JS to Angular1.5 and Typescript.
- Developed workflows using Angular 4 framework and utilized its state management to provide a rich customer experience.
- Implemented CSRF token adhering to OWASP best practices for posting information to APIs to prevent CSRF attacks on web pages and developed logic to keep the session alive.
- Used UI-Router to build a single page application for managing navigation between different states and routes.
- Participated in Design review meetings with architecture team and was involved in tech huddles and also helped in documenting the Solution Architecture Document(SAD) for the project.
- Developed future state UI by analyzing business requirements from client and presented demos to the product owners.
- Performed Front-end web design using HTML 5, CSS, JavaScript frameworks.
- Followed Test Driven development using testing frameworks like MochaJS, Protractor and used assertion libraries like ChaiJS and used SinonJS, dyson for data mocking.
- Used task runner and local server like Grunt and managed dependencies using Bower and NPM.
- Handled promises using RSVPJS, \$q(angular) and used Observables, NgRx libraries.
- Styling web pages using CSS 3(flex-box)and used frameworks like bourbon and neat which is bundled by SASS
- Involved in developing Dynamic web pages using industry standard applications and W3C compliant XHTML and CSS code for effective web design.

- Developed web pages which are ADA compliant and used screen readers like NVDA and JAWS to follow WCAG 2.0 standards and made application more accessible.
- Worked on writing microservices, Backend for front-end APIs and migrated on-prem services to IBM Cloud.
- Developed APIs using NodeJS, expressJS, IBM loopback frameworks and used splunk, dynatrace for effective monitoring and SLA, performance improvement.
- Worked with business analysts to understand their business models and goals and help define strategy, content, and features.
- Used Stash, Bitbucket sub version tools for code check-in and checkout and followed trunk and branch based development.
- Worked on Adobe Experience Manager(AEM) 6.x, created sightly templates and authored, published content which is good for component and template handling and presented a rich UI to the end user.
- Have good experience writing UI, unit, contract tests which augmented code quality.
- Handled all client side validations, slide show, hide and show controls, dropdown menus and tab navigation using JQuery and Webshim, Bootstrap.
- Worked in trusted pair programming environment and peer to peer code reviews using Fisheye, also tested security breaches using tools like Fortify, NEXUSIQ.
- Updated release notes using tools like Plutora and actively participated in deployment and release of product and supported any pre, post production issues.
- Participated in stand-up calls, grooming and sprint planning meetings and effective communication with project manager and developers.
- Environment: HTML5, CSS, JavaScript, Backbone JS Angular JS, jQuery, AJAX, Bootstrap, LINUX, Jenkins.

Education

2013-08 -
2014-12

Master of Science: Electrical and Computer Engineering

Southern Illinois University Carbondale - Carbondale, IL

