**Bhavani Shankar**

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**Sr. UI Developer**

**PROFESSIONAL SUMMARY**

Around 8 years of experience as a UI engineer with wide learning of web applications. Knowledge in the open source advances and employments of **JAVASCRIPT**, **AngularJS**, **Angular2/4/5/6**, **React.JS**, **Bootstrap**, **AJAX**, **jQuery**, **JSON**, **JSP**, **NodeJS**, **XHTML**, **DHTML**, **XML**, **CSS 2/3, DOM, DOJO** and **Web Pack**. Strong Experience in organizing and working up the business web applications by "**Hand-Coding**" methodology with the help of **HTML, HTML5, DHTML, XHTML, XML** and **CSS3** subject to the **W3C** standards.

* Expertise in making Single Page Applications (**SPA**) and making Custom Directives, Filters and Factory, Provider, Service works in **Angular2** to reuse sections in different bits of the application.
* Good knowledge of making **GUI** based application using **Swings** and **Java Applets**. Designed UI modules using **AngularJS**, **NodeJS**, **JAVASCRIPT** **and jQuery, CORDOVA**, **CSS3** and **HTML5**.
* Good knowledge on making organizations with **Angular 4** @injectable property, as to make the service available for dependence injection while making components.
* Moderate working foundation on **CSS** Pre-Processor **LESS**, **SASS**, Media Queries using mix ins, functions, custom lattice structures following object oriented modular **CSS** patterns; Working with complex **CSS** Layouts, Positioning, Key packaging Animations and Pseudo Elements nearby **JAVASCRIPT** task runners like **Grunt JS**.
* Great working background with **MVC** and View Model examples in making and, managing views, halfway perspectives, **web API**'s utilizing **ASP.NET MVC**, custom error pages.
* Worked closely with back end group to execute **AJAX** call to **REST API**s and update dynamic functionality of **HTML** in **Angular 5**.
* Solid involvement in working a shot at modern full stack **JAVASCRIPT** condition like **MEAN** (**Mongo**, **Express**, **Angular**, **Node**) for designing single page applications.
* Skill in building solid websites affirming **Web 2.0** measures utilizing Yahoo User Interface (**YUI**) Framework, **jQuery**, **HTML**, **XHTML**, **DHTML** and **CSS** to create valid code and table-free destinations
* Experience utilizing **ECMASCRIPT** **6** with **React.JS** and transpiration of **ES6** to **ES5** utilizing Babel.
* Experience in **Vue.JS** for building apps and declarative templates with data-binding, created some custom directives in the application.
* Worked extensively on Responsive design using **Angular 6** Components.
* Played around Higher Order Functions or **lambda** programming in **JAVASCRIPT** to implement pure functions in **Redux** as well as **Redux** such as **Map, Reduce, Filter, Spread, Operator** and **Object**. Assign for cloning an existing object.
* Experience in implementing Component life cycle engineering, store activities, utilizing **socket.io** in **React**-**Redux** application to deal with constant information, introducing **React** **Router**, **Thunk** **Redux** for API brings in **React** **JS**.
* Experience Building Hybrid Applications utilizing **Apache** **Cordova** and **Phone Gap**, which incorporates systems frameworks for Front End development, for example, **jQuery** **Mobile** and **jQuery**.
* Experience in using **Node** **JS** and **Express** to influence calls (To get, **POST, PUT, DELETE**) for activating or bringing information from Restful **API**'s given by the backend team.
* Worked with **Docker** to effectively assemble, convey and run dispersed applications and give working framework level virtualization on **Windows** and **Linux**.
* Fixed the **HTML** errors in the Site Core content editor.
* Experience in Version Control tools like **CVS, GIT, SVN** and **Clear-Case** for Source Code variant administration.
* Working knowledge in cloud technologies **EC2, S3, IAM** and **Load Balancers Tools/frames work puppet GIT**, **GitHub, Docker, WinSCP, putty**.
* Worked with Relational and **NOSQL** databases like **MongoDB**, **Oracle**, **PostgreSQL**, **IBM Informix** and **DB2**. Hands on experience composing **SQL** Queries.
* Experience in designing **Ext** **JS** components like **Grids, Toolbars, Panels, Combo-Box** and **Buttons**.
* Strong knowledge on **micro services**, **Docker** **containers**.
* Experience in unit testing tools using **Jasmine, Karma, Junit, Mocha, Chai, Protractor** and **Selenium unit testing framework** alongside **TDD** condition and mastery in **Web pack, Gulp** and **Grunt.**
* Engaged in using different **IDE** tools like **Dreamweaver, WebStorm, IntelliJ, Notepad++, Eclipse, Sublime Text 2, Brackets,** and **Visual Studio.**
* Pursued Waterfall and **Agile**/**Scrum** procedure of programming improvement, which fulfills the client through the early and persistent conveyance of profitable programming.

**TECHNICAL SKILLS:**

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| **WEB TECHNOLOGIES** | HTML 5, CSS 3, JAVASCRIPT, AJAX, JSON, PHP, XML, XHTML, XSLT, Bootstrap, SASS, YEOMAN, GULP, GRUNT, WEBPACK, BOWER. |
| **JS LIBRARIES & FRAMEWORKS** | jQuery, AngularJS, Angular2&4, Backbone.JS, ionic3, React.JS, NodeJS, Express.JS, Ember.JS, Require.JS, Dojo, Ext.JS, Chart.JS, Vanilla JS. |
| **BUILD TOOLS** | Maven, Ant, Jenkins, Gradle. |
| **IDE TOOLS**  **& EDITOR** | Net Beans, Eclipse, Visual Studio, Web Storm, X-Code, Brackets, IntelliJ, Vim, Sublime Text, Atom, Notepad++. |
| **DATABASE** | Mongo, MySQL, NoSQL, Oracle 9i/10g/11g |
| **DEBUGGING TOOLS** | Firebug, Bugzilla, Chrome Developer Tools, TIBCO. |
| **OTHER TOOLS** | Adobe Photoshop, Adobe Dreamweaver, Firebug, Chrome Development Tools, Docker, Browser stack, JS Hint, JS Lint, Windows Movie maker, MS Office. |
| **WEB/APPLICATION SERVERS** | Restful Web Services, Apache Tomcat, HTTP Web Server, Jetty Server, Nginx, Web Logic. |
| **VERSION CONTROL** | GitHub, Perforce, TFVC, CVS, Apache Subversion. |
| **PROGRAMMING LANGUAGES** | C, C++, Java. |

**PROJECT AND WORK EXPERIENCE:**

**Client:** WALMART – BENTONVILLE, AR.

**Role: Sr. Front-End Developer August 2018 – TILL DATE**

**Responsibilities:**

* Participate in the full **SDLC** (**Agile**), including meetings, iterative development, estimations and design sessions.
* Developed all the UI pages Using **HTML5**, **DHTML**, **DOM**, **CSS3**, **JSON**, **JAVASCRIPT**, **jQuery**, **AJAX**.
* Made application functional using **Angular.JS**, **SASS** and **Handlebars**.
* **Angular.JS** models and scope and filters used in application and worked in deployment of applications.
* Consumed Rest based services from **AngularJS** using $http services.
* Single page applications using **AngularJS**, **NodeJS**, **Gulp** **and Web pack** **(ES6)**.
* Interacted with Java controllers (**JQuery**, **AJAX**, **MVC** Frameworks (**Ember**) and **JSON** to write/read data from back end systems).
* Used regular expression for faster search results in combination with Angular2 built-in and custom pipes.
* Collaborated with designers to create responsive Single Page Applications (SPA) on with Angular 4 Routing. Good knowledge with migrating techniques from Angular 4 to Angular 5.
* We used **Angular 6** Components for responsive design.
* Working on creating application based on **Ember** framework.
* Using **Ember** data for **data modelling.**
* Designed and built an isomorphic web application from scratch using **ReactJS**, **Web pack**, **ES6** and **Redux**.
* Designed Prototype and project layout skeletons using **ReactJS**, **JQuery** and **CSS**/LESS and **HTML**.
* Used **JQuery** to make the **HTML**, **DHTML** and **CSS** code interact with the **JAVASCRIPT** functions to add dynamism to the web pages at the client side.
* Expertise in developing web-based applications using libraries and frameworks like **AngularJS, Angular2/4/5, Bootstrap, jQuery, Node.js.**
* Using Google analytics reports, optimized the page load time for the pages that had heavy traffic and improvised those pages using **CSS**.
* Used **CSS** Blueprint to create grids and adopt cross browser interactive features and to make the web pages more.
* Experience in incorporating and utilizing **BDD / TDD /** **JAVASCRIPT** unit testing frameworks (**Jasmine, Mocha**).
* Used **GIT** as configuration management tool for code versioning and release.
* Used **JIRA** Project Tracking Software to track issues.
* Good at Continuous Integration practices with Jenkins. Developed Single page application using Angular 5, Typescript and RXJS.
* Developed Single page application using **Angular 5**, Typescript and RXJS.
* Tested/ De-bugged on browser using **Firebug**, **Chrome Developer tool** and **IE Developer tool**.
* Tested/De-bugged on **iPad** using **iPad Simulator** and for **Android** Tablets using **Chrome Simulator**.
* Used all the advanced **Photoshop** features to create appealing **visual web interfaces**.
* Designated UI architecture for the internal web application and worked with designers to constructs conceptual Wireframes and Mockups.
* Used **JIRA** to update the task details and logging work followed **agile** methodology for development life cycle.
* Performed Unit testing on **AngularJS** applications using **Karma** and **Jasmine**.
* Used **Maven script** for building and deploying the application.
* Used **Grunt** to minification, concatenation and linting.
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles.
* Maintains compliance with federal and state regulations concerning employment.
* Worked on web pages compliant with **W3C, ADA & Section 508** Compliance Standards.

**Environment:** HTML5, CSS3, AJAX, JQuery, JAVASCRIPT, AngularJS, ReactJS, Bootstrap, Responsive Design, JSON, XML, DHTML, Firebug, 508 Standards.

**Client:** UNITED AIRLINES – CHICAGO, IL.

**Role: Sr. Front-End Developer May 2017 – July 2018**

**Responsibilities:**

* + Designed the front-end applications, user interactive (UI) web pages using web technologies like **HTML**, **XHTML**, **CSS**, **JAVASCRIPT** **and Angular** 4.
  + Web designing & development using **HTML5, CSS3, JAVASCRIPT, React JS** and **AJAX**.
  + Developed **React** **JS** pages, Web services calls, and **AJAX** calls for the application.
  + Used **React** **JS** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
  + Used **ReactJS** in components like **JS**X, creating **React** components.
  + Participated with end users and business analyst to understand the business Requirements.
  + **CSS** styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
  + Involved in creating Typescript reusable components and services to consume REST API's using Component-based architecture provided by **Angular 5**.
  + Designed and developed web pages from **mock-ups (PSD)**.
  + Worked on Front end by using **JAVASCRIPT**.
  + Developed user interface by using the **React** **JS**, **Flux** for **SPA** development.
  + Implemented client-side Interface using **React** **JS**.
  + Worked in using **React** **JS** **components, Forms, Events, Keys, Router, Animations** and **Flux concept.**
  + Build **React** components and stand-alone functions to be added to any future pages.
  + Developed a front-end application using **React** **JS** and **FLUX** architecture for internal team's productivity use.
  + Involved in daily **SCRUM** meetings to keep track of the project status.
  + Used web-based **GIT** repository manager with issue tracking features.
  + Extensively used **GIT** for version controlling and regularly pushed the code to **GitHub**.
  + Made the application responsive using Bootstrap and **CSS** Media Queries.
  + Worked with **CSS** Icons, **CSS** Pseudo-class, **CSS** Pseudo-element, **CSS** Image Sprites, **CSS** background and **CSS3** Shadows to give some additional effects.
  + Checked cross browser compatibility issues and hence worked on different browsers like Google chrome, Internet explorer, Firefox and safari.
  + Involved in implementing Queries to the backend **MongoDB** database using **Http** service to fetch **JSON** contract.
  + Experienced in implementing **CRUD** database operation on such as **MongoDB**.
  + Worked with **Bit Bucket** for recording the progress and later for version control.
  + Used **Jasmine** and **Karma** as end to end testing tools for **debugging** and **software quality insurance**.

**Environment :** React.JS, HTML5, CSS3, SASS, JAVASCRIPT, JSON, AJAX, jQuery, NodeJS, D3.JS, MongoDB, Karma, Jasmine, CRUD, Redux, Agile, Scrum, React-Router, Flux, Bootstrap, Spring MVC, Spring Framework, Spring Boot, Spring Security, Restful, SQL, Gulp, Firebug, Fiddler.

**Client:** GAP INC. – SANFRANCISCO, CA

**Role: Front-End Developer October 2015 - April 2017**

**Responsibilities:**

* + Involved in design, development and testing phases of project.
  + Developed very rich user interface with **Angular 4, HTML 5, CSS 3** and **Bootstrap, Media queries, AJAX** for template design.
  + Followed **agile** software development practice paired programming, test driven development and **Scrum** status meetings.
  + Converted raw images and layouts from a graphic designer into **CSS**/**HTML** themes.
  + Followed Web Accessibility Guidelines while coding the website.
  + Implemented client-side validations in registration forms, login and logout forms using **Java Script**.
  + Using **Angular** **4** factory to do **AJAX** call to get data from the restful web server.
  + Extensively used **JQUERY**, **JSON**, **AJAX** and **DOM** scripting to create interactive web applications like message posting and auto complete form validations.
  + Used **jQuery** for interaction between **JAVASCRIPT** and **HTML**.
  + **CSS** styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
  + Using **Angular** **JS** controllers for two-way data binding between product components and data objects.
  + Worked with the design of the templates and skins in **CSS**.
  + Used Web **Developer**, **Firebug**, and **IE developer** toolbar for debugging and browser compatibility
  + Adopted a cross browser and cross platform approach to make the website more versatile and Supportive.
  + Been an active collaborator, helped in fixing bugs and conducted troubleshooting.
  + Worked in using **React** **JS** components, **Forms**, **Events**, **Keys**, **Router**, **Animations** and **Flux concept**.
  + Build **React** components and stand-alone functions to be added to any future pages.
  + Adhered to corporate standards with respect to problem, change and configuration management
  + Worked on Responsive Designing for websites for Desktops, Tablets and Mobiles.
  + Extensively used **GIT** for version controlling and regularly pushed the code to **GitHub**.
  + Thoroughly performed **unit testing** and **integration testing**.
  + Worked with **Bit Bucket** for recording the progress and later for **version control**.
  + Used **Jasmine** and **Karma** as end to end testing tools for debugging.

**Environment :** HTML5, CSS3, React JS, Angular JS, JAVASCRIPT, Bootstrap, jQuery, JSON, REST APIs, GIT, MongoDB, Jasmine, Karma, Bit Bucket, VS Code.

**Client:** ANTHEM INC – NORFOLK, VA.

**Role: Front-End Developer February 2013 – September 2015**

**Responsibilities:**

* + Designed the front-end applications, user interactive (**UI**) web pages using web technologies like **HTML**, **XHTML**, **CSS**, **JAVASCRIPT** **and Angular** **4.**
  + Web designing & development using **HTML5**, **CSS3**, **JAVASCRIPT**, **React** **JS** and **AJAX**.
  + Developed **React** **JS** pages, Web services calls, and **AJAX** calls for the application.
  + Used **React** **JS** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
  + Used **React** **JS** in components like **JSX**, creating **React** components.
  + Participated with end users and business analyst to understand the business Requirements.
  + **CSS** styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
  + Designed and developed web pages from **mock-ups (PSD)**.
  + Worked on Front end by using **JAVASCRIPT**.
  + Developed user interface by using the **React** **JS**, **Flux** for **SPA** development.
  + Implemented client-side Interface using **React** **JS**.
  + Worked in using **React** **JS** **components, Forms, Events, Keys, Router, Animations** and **Flux concept.**
  + Build **React** components and stand-alone functions to be added to any future pages.
  + Developed a front-end application using **React** **JS** and **FLUX** architecture for internal team's productivity use.
  + Involved in daily **SCRUM** meetings to keep track of the project status.
  + Used web-based **GIT** repository manager with issue tracking features.
  + Extensively used **GIT** for version controlling and regularly pushed the code to **GitHub**.
  + Made the application responsive using Bootstrap and **CSS** Media Queries.
  + Worked with **CSS** Icons, **CSS** Pseudo-class, **CSS** Pseudo-element, **CSS** Image Sprites, **CSS** background and **CSS3** Shadows to give some additional effects.
  + Checked cross browser compatibility issues and hence worked on different browsers like Google chrome, Internet explorer, Firefox and safari.
  + Involved in implementing Queries to the backend **MongoDB** database using Http service to fetch **JSON** contract.
  + Experienced in implementing **CRUD** database operation on such as **MongoDB**.
  + Worked with **Bit Bucket** for recording the progress and later for **version control**.
  + Used **Jasmine** and **Karma** as end to end testing tools for debugging and software quality insurance.

**Environment:** HTML5, CSS3, React JS, Angular JS, JAVASCRIPT, Bootstrap, jQuery, JSON, REST APIs, Angular JS, it, MongoDB, Jasmine, Karma, Sublime.

**Client:** REGAL HOME INSPECTION- COLTS NECK, NJ.

**Role: Front-End Developer November 2011 – January 2013.**

**Responsibilities:**

* Created **HTML**, **CSS**, **JAVASCRIPT**, **DHTML** pages for Presentation Layer.
* Involved in developing of design documents with **UML** class diagrams.
* Implemented various Search Engine Optimization techniques as metadata, building inbound link, and outbound link text, meaningful title while designing web pages.
* Used **jQuery** to make the **HTML**, **DHTML** and **CSS** code interact with the **JAVASCRIPT** functions to add dynamism to the web pages at the client side.
* Involved in **JAVASCRIPT** coding for validations and passing attributes from one screen to another.
* Applied client-side validations using **JAVASCRIPT** and **jQuery**.
* Used **Struts** Tag Libraries to develop the **JS**P pages.
* Implemented various **J2EE** design patterns like **DAO** **pattern, Business Delegate, Singleton etc**.
* Developed **Ant scripts** to configure and deploy the application.
* Built **HTML5** and **CSS** system for controlling text display issues cross-platform and cross browser.
* Used **Firebug** and **IE Developer** Toolbar for debugging and browser compatibility.
* Increased developer productivity by using efficient programming methodologies and local development.

**Environment:** HTML, CSS, JAVASCRIPT, jQuery, JSON, AJAX, Windows.

**Client:** ONADS COMMUNICATIONS- Bangalore, KARNATAKA, **INDIA.**

**Role: Web Developer May 2010 – August 2011.**

**Responsibilities:**

* Used **Angular2** as the development framework to build a single-page application and to create more interactive front-end development.
* Leveraged **PrimeNG** UI components as needed for faster development turnaround time.
* Coded Business Logic component using **PHP**.
* Developed UI using **JavaScript, HTML, CSS, JavaScript** validations and **XML**.
* Implemented applications in **JavaScript** and **MYSQL**.
* Worked extensively with the File management and image libraries.
* Performed Client-side validations using **JavaScript**.
* Fixed bugs and provided support services for the application.
* Tested/Debugged web browser using **Firebug**.
* Managed and implemented all codes changes via **SVN**. Deploying builds across development, staging and production instances and maintained code integrity.
* Created an inline-edit and widget-collapse feature for the web page.
* Performed graphical design and web site contract work for small business and working professionals.
* Met one-on-one with clients in exploring the best possible options for their web presence.
* Handled duties ranging from creative design to code implementation.

**Environment:** HTML, CSS, JavaScript, Firefox Firebug, Sublime Text Editor.

**Educational details:** Bachelors in Computer Science from Gitam University Vizag, 2010.