**UI Developer**

**Venu Madhav**

**Venumadhav0504@gmail.com**

**281-766-7166**

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**UI Developer** with around **4** **years** of experience in software development includes Analysis, Design and Development of Web-based Applications and Enterprise level applications.

**PROFESSIONAL SUMMARY:**

* Strong experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **React** **JS**, **JSON**, **Bootstrap** **Framework**, **Ajax** and **Media** Queries.
* Involved in using various IDE's like **Brackets**, **Sublime** **Text**, **NetBeans**, **Notepad++,** **Eclipse**, **Adobe** **Dream** **Weaver** and **Visual** **Studio**.
* Experienced in Client Side designing and validations using **HTML5** and **JavaScript** for writing code to consume the **JSON** data as a part of **JQUERY** **AJAX** calls and update the **DOM**.
* Experience in working with third party web services **APIs** and Web Services using **AJAX** and **JQUERY** and working knowledge on JavaScript library **JSON**, **jQuery**, **CSS3**, **W3C** Standards.
* Experience in designing and presenting multiple concepts and iterations around User Interaction Models, **Workflows**, **Wireframes**, **Mockups**, **Prototypes** and **Atomic** **Design** using various collaboration tools like **Adobe** **Photoshop** **CC**, **Balsamiq**, **Invision** and **Zeplin**.
* Worked on **CSS** Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, CSS Sprites, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
* Worked on Frontend with in object-oriented JavaScript Framework like **React** **JS** and created forms to collect and validate data from the user in **HTML5** and **React JS** and worked on **React** **Flux** and **Redux** architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Experience in using **React** **JS** components, Forms, Events, Keys, Router, plus **Redux**, Animations and Flux concept for creating interactive UI's using One-way data flow, Virtual DOM, **JSX**, **React** Native concepts.
* Good understanding in **Node.js** framework concepts and Node Package Manager (**NPM**) to manage the modules and used it to install useful tools such as **Grunt** and **Require.js**.
* Experience in client-side technologies such as **Java**, **JMS**, **Oracle**, **SQL**, **MongoDB** and **MVC** architecture.
* Worked with version control tools such as **Git**, **Bitbucket** and experience in debugging and troubleshooting existing code.
* Experience in Unit Testing and TDD (Test Driven Development) approach using popular test runners like **Karma**, **Jasmine** and **Mocha**.

###### **PROFESSIONAL EXPERIENCE**

**Client: Comcast – Pennsylvania, Philadelphia Aug 2016 - Present**

**Role: UI Developer**

**Description**: Comcast is one of the nation's leading providers of communications, entertainment and cable products and services. Headquartered in Philadelphia, PA, we employ over 100,000 employees nationwide whose goal is to deliver the highest level of service and improve the customer experience. My role as UI developer is to work on a web application using HTML5, CSS3, JavaScript, jQuery, React JS to develop Front end UI and Rich Internet/Intranet Applications (RIA) Application.

**Responsibilities:**

* Involved in designing, developing and testing the web application by using the **HTML5**, **CSS3**, **Bootstrap 3.x** and **React JS** for template to fasten the compilation and developing reusable components.
* Working on **React JS** to develop single page apps by extending virtual **Dom and** used **React-Autocomplete** for creating google maps location search on the webpage.
* Used **React JS** and **Redux** to render pages on both the client and server slides and implemented various screens for the front end using **React JS** and used various predefined components from **NPM (Node Package Manager)** and **redux** library**.**
* Used some of the **ES6 features** like Arrow Functions, Extended Parameter Handling, Template Literals and Enhanced Object properties.
* **Used React flux** to polish the data and for single directional flow and Implemented **flux** pattern by using redux framework as a core dependency.
* Responsible for **React UI** and architecture by building components library, including Tree, Slide-View, and Table Grid and upgraded the existing media playback features from **Flex** to **HTML5** mediaelementsanddesigned Prototype and project layout skeletons using **React JS**, **jQuery** and **CSS** and **HTML**.
* Worked on **React JS Virtual Dom and React views**, rendering using components which contains additional components called custom HTML tags.
* Successfully performed the **Restful** APIs Integration using **XML** and **JSON** and used **CSS** Sprites to decrease the number of HTTP requests and load time of web pages.
* Developed the administrative **UI** using **backbone.JS** andused **Ext JS** to build the GUI controls of the application.
* Used **REDUX ASYNC** actions to make the app fully asynchronous and created **flux stores** to migrate an existing **flux** app to **redux.**
* Developed single page application to render dynamically based on the **JSON** from the **Node JS** server, fetched and post data from **firebase**.
* Utilized **React** for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the **GitHub** API through keywords**.**
* Used **EXT JS** for building rich internet applications & **Require.JS** to optimize in-browser use and to load the module and to improve the Speed and wrote various classes and methods for data retrieval while implementing **EXT JS** components.
* Created **MySQL** tables to interact with the backend databases (**MySQL** & **Apache**) **JQUERY**, **JSON** and implementedfunctionality to speed up web application.
* Worked with **Jasmine** and **Karma** unittest framework to write unit tests for JavaScript code.
* Using **GitHub** and **Source tree** for version Control Systems Tools.

**Environment:**HTML/HTML5, CSS3, React JS, JavaScript, jQuery, NPM, ES6, Redux, Prototypes, Flex, Ext JS, Require JS, Backbone.JS, React UI, Bootstrap, Jasmine, Karma, MYSQL, GIT, Agile.

**Client: Comcast – Bharat Synergy – India July 2013 – December 2014**

**Role: UI Developer**

Bharat Synergy established in 2012 to cater to the growing market in the developing countries for domestic, institutional and industrial applications of solar energy in rural, semi-urban and urban areas. My role as a web developer is to develop a new website with complete modern design which will be compatible with existing application to represent various products of the company.

**Responsibilities:**

* Responsible for analysis, design, development and integration of UI components with backend using J2EE technologies such as Servlets, Java Beans and JSP.
* Involved in development, design and implementation front-end part of the widget-based application using **HTML**, **CSS**, **jQuery**, **JavaScript** and used **jQuery** for markup and used **jQuery** plugins autocomplete, validation, drag and drop and more exceptionally.
* Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
* Designed **CSS** based page layouts that are cross-browser compatible on all the major browsers like Safari, Chrome, Firefox and IE.
* Implemented various Validation Controls for form validation and implemented custom validation controls with **JavaScript**.
* Converted the **mock**-**ups** into hand-written **HTML**, **CSS**, **XHTML**, **JavaScript**, **jQuery**, **AJAX**, **XML**, **JSON** and interacted with java controllers (JQUERY, Ajax, and JSON to write/read data from back-end systems).
* Created stored procedures and cursors using **Oracle** **10g** and extracted data is stored into **MongoDB** by using queries.
* Used **SVN** for version control and JIRA to keep track of outstanding bugs to reduce downtime, increase productivity and improve communication.
* Preparing **PL/SQL** queries for reporting and analyzing production data for various applications.
* Create complex **JIRA** workflows including project workflows, screen schemes, permission scheme and notification schemes in **JIRA**.

**Environment:** Core Java, J2EE, CSS, XHTML, JSTL, JavaScript, jQuery, Struts, Mockups, ORM, MYSQL, PL/SQL, Hibernate, Spring MVC, AJAX, JSF2.0, JIRA, JDBC, Eclipse.

**Client: South Central Railways – India May 2012 – August 2012**

**Role: Web Developer/Intern**

**Responsibilities:**

* Involved in development, design and implementation front-end part of the widget-based application using **HTML**, **CSS**, **jQuery**, **JavaScript** and used **jQuery** for markup and used **jQuery** plugins autocomplete, validation, drag and drop and more exceptionally.
* Wrote **jQuery** function while implementing various UI Screens across the whole web application (both consumer facing as well as internal application).
* Developed **CSS styles** to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
* Involved in developing **HTML and JavaScript** for client-side presentation and data validation on the client side with in the forms.
* Developed **SQL** queries to perform insert, update or delete operation on **MySQL** database.
* Optimized images for web page display, and feature item slides using **Adobe Photoshop**.
* Developed UI using **JSP** and **AJAX** Call in JSP pages, business implementation in Servlets and Struts action class.
* Established Database Connectivity using **JDBC** for **MySQL** Server.

**Environment:** Core Java, J2EE, CSS, XHTML, JSTL, JavaScript, jQuery, Struts, Mockups, ORM, MYSQL, PL/SQL, Hibernate, Spring MVC, AJAX, JSF2.0, JIRA, JDBC, Eclipse.

## **Education**

Master of Science in Software Engineering – University of Houston-Clearlake January 2015 to December 2016.

GPA: 3.30/4.

Bachelor of Technology in Computer Science – KL University July 2010 to May 2014.

CGPA: 7.25/10.

**Portfolio: -**

<https://madhavkolla.github.io/Portfolio-Profile/>

**GitHub**: -

<https://github.com/madhavkolla>

**LinkedIn: -**

[www.linkedin.com/in/venu-madhav-ui](http://www.linkedin.com/in/venu-madhav-ui)