**Sanjana Sudam**

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**PROFESSIONAL SUMMARY:**

* Skilled IT Professional with 7+ years of experience in Software Development and Object - Oriented Programming that includes requirement Analysis, Design, Development and implementation of Web Based, Client/Server applications for Responsive/Reactive web-sites.
* Experience in the complete life cycle of project development (SDLC), System Analysis, Design, & Development.
* Strong Web Development experience in **HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript, REACT JS, Redux, ANGULAR JS/2/4, ES6, Web pack, Flex, jQuery, JSON, Node.JS, Ajax, JQUERY Bootstrap.**
* Strong experience in developing web and windows applications using.Net 4.0/3.5/2.0, ASP.NET, VB.NET, C#.NET, ADO.NET, MVC, Web Services**, AJAX**, Win Forms, Web Forms, Web and Windows Custom Controls, User Controls.
* Experience in client-side scripting and design by using **JavaScript**, **jQuery**, VBScript, CSS, XSL and XML and IIS configuration.
* Worked on various features in **JavaScript ES6** features like Arrow Functions, Block-Scoped Constructs, Classes, object literals and Modules.
* Good experience on **ReactJS and ES6**.
* Established continuous integration (CI) practices and standards with JIRA, Jenkins and Continuous Delivery (CD) through Chef.
* Experience in using various tools and IDEs for development and design like Spring Boot, Spring Security, Net beans, XAMPP, Notepad++ and Adobe Photoshop.
* Extensively used the JavaScript, ExtJS, AngularJS Front-end development which includes a deep understanding of the DOM, JSON, object-oriented JavaScript, Bootstrap and common JavaScript libraries.
* Worked on **Responsive Web design** (RWD) using bootstrap which adapts the layout to the viewing environment by using fluid, proportion-based grids, flexible images and CSS3 media queries.
* Extensively 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.
* Software development experience using **JavaScript** and **React JS** related libraries like **React Native, Redux** technologies.
* Database experience with **MySQL, Oracle and PL/SQL** with Joins, Stored Procedure, SQL Queries, Triggers and functions.
* Hands on experience in writing light weight Node.js express server, and using technologies like Ajax, JavaScript/jQuery, JSON to make connections between server and databases like MongoDB and MySQL.
* Expertise in jQuery for animations, efforts, interactions, DOM manipulation widgets and theming. Extensive experience on implementing the AJAX features using JavaScript and JQUERY.
* Experience in writing SSIS (SQL Server Integration Services) packages and reports using **SSRS** (SQL Server Reporting Service).
* Worked in implementing Service Oriented Architectures (SOA) using Web Services technologies like **SOAP, WSDL, RESTful, JSON.**
* Experience with Node.JS platform , Grunt Gulp Bower and nodemon. Experience on Protractor in end - to-end test framework for Angular JS applications and also performed in jasmine, mocha, and chai.
* Hands on Experience on **Iconic/Cordova** to develop Mobile Applications.
* Seamlessly integrated with native features using **Cordova** Plugin for both iOS and Android and REST API
* Experienced in using Front End editors like Dreamweaver, Notepad++, Sublime Text2, Brackets, NetBeans, Web Storm, Atom, and Eclipse.
* Extensive experience in Testing, Debugging and troubleshooting the existing code using **Firebug**, **Chrome Inspector**, **IE Toolkit, Junit, Jasmine, Mocha and karma**, Grunt tools.

**Education:**

Master’s in Computer Information Sciences.

Bachelor’s in Computer Science.

**Technical Skills:**

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| **Web Technologies** | DHTML, HTML,HTML5, XML, XSL,CSS3,jQuery,AJAX,JSON,BootstrapJavaScript,Kendo UI, VBscript, Angular JS,AngularJS2, node.js, express.js, |
| **Languages** | C, C++,Core Java, C# 6.0, VB.NET, Ruby on Rails |
| **Tools** | IIS 6.0 & 5.1, Net Manage (Web Service for AS400), NUnit,Adobe Photoshop, JIRA. |
| **Debugging Tools** | BugZilla, Jasmine,Mocha,Chai,Firebug,Chrome Inspector,IE Toolkit. |
| **Microsoft Technologies** | ASP.NET 3.5, ASP.NET 4.0, .Net Framework 3.0, 4.0, 4.5,ADO.NET 2.0, Crystal Reports 10/XI, SQL Server Reporting Services (SSRS), SSAS (SQL Server Analytical Services), SSIS (SQL Server Integration Services),DTS, Visual Studio 2003, Visual Studio 2005, Visual Studio 2008, Visual Studio 2010, Visual Studio 2012, Silverlight, WCF, WPF. |
| **Operating Systems** | Windows 2003erver/ 2000Server/2000/XP. |
| **Database** | SQL Server 2000, SQL Server 2005, DB2, Oracle 9i,NO SQL, SQL Server 2008. |
| **CM Tools** | Visual Source Safe, VS Team Foundation Server, SVN, Github. |

**PROFESSIONAL EXPERIENCE:**

**BBVA Compass, Birmingham, AL. Dec 2016-Present**

**Role: Sr. UI JavaScript Developer**

**Responsibilities:**

* Developed User Interface (UI) Rich Web Applications, and Web Service applications using Front End/User Interface (UI) Technologies like HTML5, JavaScript, Angular 2/4, Node JS, JSON, Bootstrap Framework, Media Queries, and CSS3 Frameworks.
* Used Bootstrap and Media Queries to create Responsive Web Design (**RWD**) and worked with CSS3 pre-processors such as **SASS**.
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using **Angular 2.0** and **jQuery.**
* Created responsive pages as part of front end work using Bootstrap and display various success/error messages using toasty plugins on the webpage.
* Used jQuery and **JavaScript** to make the frontend components interactive to add dynamism to the web pages at the client side.
* Responsible for working on different changed procedures of Angular 1.x to Angular 2.0 and updating Angular 2.0 with Angular 4.
* Responsible for all client-side UI Validation and implementing Business logic based on user selection using jQuery and angular 2/4.
* Developing UI automation using Protractor for Angular JS applications.
* Build prototype for various required services such as Scheduling, Logging and Notification Service using third party Node JS based **JavaScript library**.
* Used Node Package Manager (NPM) to manage the modules and used it to install useful tools such as Grunt, Express.
* Used Jira Atlassian tools like Bamboo for Continuous Integration and deployment, Bit Bucket and Confluence.
* Helped bootstrap a new startup with the Ruby on Rails Framework
* Created single page web application by creatingtemplates with HTML5, CSS3, Bootstrap, ES6 and responsive components by using event binding and routing services for great user experience with **Angular 4**.
* Used **Gulp and Node Package Manager (NPM)** to automate painful and time-consuming tasks in development workflow.
* Migrated existing codebase from **JSP** to **JS and HTML5** and rebuilt react components in **ES6**.
* Produced UI with **Ionic Angular 2** Components and wrote IOS **Cordova** plugins appealing designs focused on usability, utility, UX, cross-browser compatibility and SEO / web standards.
* Hands on **JavaScript/ES6** development on Node.JS platform with React, Redux libraries.
* Used a full complement of Express, Angular, NodeJS and MongoDB to store and present assessments.
* Used **Mongoose** for NodeJS which makes easy to access the database from Express application.
* Manipulated data using **CRUD** (create, read, update and delete) operations of MongoDB database management system and handled database access and data transmission based on RESTful web service.
* Developed APIs using AJAX and JSON to implement more robust and efficient client facing applications.
* Experience in REST API's using **Express.js** with the help of Node.js to create routes and handle HTTP requests.
* Solid experience in developing **Single Page Applications** (SPA) based on client-side JavaScript framework **Angular 2/4** and employing with **Web API**.
* Integrated latest features in the application using the plugin's **from Phone gap/Cordova, React native**.
* Extensively used Validation Controls and **JavaScript** for client-side validations in the Web Pages.
* Implemented **XML**parsing & **JSON**parsing for data handling on different application.
* Involved in writing application level code to interact with **Restful Web APIs**, Web Services.
* Used **SOAP UI** to test the resources. Also, used Postman plug-in with chrome browser to test resources.
* Reviewed customer feedback about the debugging issues, fixed bugs with HTML5 and JavaScript codes and worked on resolving browser compatibility issues.
* Performed UNIT and integration testing using jasmine and in writing Test Cases on every new version before sending it for User Acceptance Test (UAT).
* Worked with Package managers NPM, Bower and build tools Grunt.
* Worked with an Agile, Scrum development methodology to ensure delivery of high quality work with monthly iteration, involved in sprint planning and retrospectives.

**Environment: HTML5, XML, CSS3,SASS,LESS,JSON and Boot Strap, Node JS, EXPRESS JS, Angular 2/4, Mongo DB, Microsoft SQL, Restful services, Java Script, Jira, jQuery, Ruby on Rails, NPM, AJAX, ES6, Jenkins, Phone Gap, Visual studio 2010,Microsoft Team Foundation Server, semantic UI, Grunt, Gulp,React JS, Adobe, Iconic/Cordova.**

**Volkswagen, Ann Arbor, MI. Feb 2014 - Apr 2016**

**Role: UI Developer**

**Responsibilities:**

* Created Front-end Applications using **HTML/HTML5, CSS3, JavaScript, jQuery, Angular JS, React JS, Node.js, Backbone.js, OOP, DOM, Bootstrap, AJAX, XML and JSON**.
* Maintained Cross Browser compatibility & implemented Responsive Web Design using Twitter Bootstrap and custom media queries, etc.
* Created react components using **Redux** for unidirectional data flow.
* Specialized in developing **Web 2.0** Apps using core jQuery along with AJAX/JavaScript.
* Involved in providing pseudo application level code to interact with APIs, Web Services using **AJAX, JSON** and **XML.**
* Extensively used **JavaScript** to provide dynamic User Interface and for the client-side validations.
* Proficient with **ReactJS** to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Developed single page applications using **React Redux architecture**, **ES6, web pack and grunt**.
* Experienced in working with **Redux architecture** using complex Object-Oriented concepts in improving the performance of the websites.
* Experience in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Worked with Reducers, ReactJS Containers to update the state of an APP produced by Redux and by mapping those to the ReactJS component using **React-Redux**.
* Involved in ReactJS for Data patterns which improves readability and made it easier to maintain larger apps and used ReactJS for declarative, efficient, and flexible JavaScript library for building user interfaces.
* Used Browserify, flux to manage with targeted URL's (Uni-Directional data flows) and to monitor the application.
* Interacted with java controllers **(JQUERY, Ajax,** and **JSON** to write/read data from back end systems).
* Used Cordova in **Ionic framework** to build the hybrid mobile applications.
* Implemented the application using **Spring MVC Framework, Spring Batch,Spring Boot** and **handled the security using Spring Security.**
* Used **NPM**& bower as package manager and **Gulp** as task runner for automation and **GIT** for version control. Used **Node JS** architectural concepts like event loop, call backs, and event emitters.
* Implemented JavaScript module patterns using asynchronous script loading.
* Implemented pdf viewer, Handling rotate screen orientation Cordova plugins.
* Maintained existing UI Applications and upgraded them using CSS3, jQuery, AJAX, JavaScript, React JS, Backbone.js, JSON and HTML5.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with **java, PHP, Node.js, Python, Ruby** and **Docker** on server such as Apache.
* Implemented various screens for the front end using React.js and used various predefined components from **NPM (Node Package Manager) and redux library**.
* Good understanding of **REST API's**, extensive experience of integrating services via Ajax using JavaScript, jQuery and React.js.
* Used **Polymers** in creating web components and developed browser API's to custom HTML elements
* Worked on the UI Framework like JS, Bootstrap, D3Js and Grunt.
* Used React-Autocomplete for creating google maps location search on the webpage Added Excel-Builder to download the Tabular data in Excel format using react.
* Worked with Bootstrap, Bento and was responsible for porting a big portion of the application, using LESS to manage CSS consistency and reuse. Used custom LESS files at module and page level while also maintaining general styles for the whole site.
* Creating custom elements for **polymer** and using them for angular app which works as DOM elements.
* Worked with the UX team in upgradation of **Bento UI** version from 0.3 to 1.4 using CSS, jQuery, Html, React Js and Bootstrap.
* Integrated various Bento UI widgets like Navtree, dropdowns, alerts, glyciphions, toolbar, datepicker, tooltips, textboxes.
* Used Firebug, IE Developer Toolbar, for debugging and browser compatibility.
* Worked with an Agile, Scrum development methodology to ensure delivery of high quality work with monthly iteration, involved in sprint planning and retrospectives.

**Environment**: **HTML5, CSS3, Bootstrap, jQuery, XML, AJAX, JSON,DHTML, ES6, Bento UI, Spring Boot, Adobe, Visual Studio, SQL Server, Node JS, React JS, Grunt Js,Gulp, Ruby, Firebug, Jenkins, Java Script, Polymer, Mongo DB, Microsoft Team Server, Iconic/Cordova.**

**Spout Analytics, Dallas, TX Nov 2012 – Dec 2013**

**Role: JavaScript/Front End UI Developer**

**Responsibilities:**

* Responsible for the overall layout design (Table-less), color scheme of the web site using HTML, XHTML and CSS3 and Responsible for creating detailed wire frames and process flows.
* Designed various modules using technologies like Angular JS, JSON, and JavaScript.
* Used **AngularJS** as framework to create a **Single Page Application** SPA which can bind data to specific views and synchronize data with server.
* Implemented paging functionality for various screens for quicker rendering of data and also to avoid crashing of browser.
* Produced content pages with **CSS3 layout**and **style markup presentations**and also used **JavaScript**methods and properties.
* Involved in developing **HTML and JavaScript** for client-side presentation and, data validation on the client side with in the forms.
* Responsible for JavaScript / AJAX UI upgrades and improvements.
* Used $HTTP, AJAX & JSON communication for accessing RESTful web services data payload.
* Worked on JavaScript and HTML5 Browser Cache mechanism for storing and retrieving data for the website.
* Used **AJAX**frameworks **like jQuery, JSON to develop rich GUIs**and also involved in performance tuning the website.
* Used Bootstrap and AngularJS to create Controllers to handle events triggered by clients and send request to server.
* Perform usability/accessibility and user satisfaction testing, including HTML5/CSS3 paper prototyping test.
* Wrote test cases, created specs, page objects and undergone End-to-End testing for whole application using Protractor for Angular JS on Node JS command line. Using Google analytics reports, optimized the page load time for the pages that had heavy traffic and improvised those pages using CSS3.
* Used **Cordova** in Ionic framework to build the hybrid mobile applications.
* Developed CSS3 style sheets and made use of CSS preprocessor SASS to give gradient effects.
* Involved in designing and implementing Web2.0 Rich UI for the Self-service Application using **jQuery Ajax** framework and Widget based JavaScript programmed model.
* Involved in Debugging the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions.
* Used **NPM**& bower as package manager and **Gulp** as task runner for automation and **GIT** for version control.
* Used **GRUNT** for setup a proxy for you redirecting XHR requests on your own system within the grunt connect server to another system.
* Implemented the session only persistence for the last tab user clicked on is remembered if he/she returns to the page within the same browser session.
* Wrote test cases, created specs, page objects and undergone End-to-End testing for whole application using Protractor for Angular JS on Node JS command line.
* Creating user information solutions by developing, implementing, and maintaining a wide range of products from single-page applications to complex data analysis systems.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using HTML, CSS3, JavaScript and AngularJS.
* Tweaked, optimized, and created new sprites with Photoshop to generate CSS3- based UI elements.
* Good Experience on Web Services, **SOAP** (Simple Object Access Protocol), and **AJAX**.
* Designed Pdf, Excel and Print previews for all the reports in the application using HTML, JavaScript and SQL Stored Procedure.
* Created Desktop and Web Applications using C#, VB.NET, ASP.NET, SQL Server.
* Extensively used **jQuery UI** for screen design and development.
* Used Agile Scrum Development Methodology to ensure teamwork, collaboration and process adaptability throughout the life-cycle of the project.
* Coordinated with the business on User Acceptance Tests (**UAT**) and to get the approval from business on the design changes.
* Handled all aspects of the web application including maintaining, testing, debugging and deploying.

**Environment: HTML, DHTML, XML, CSS3,SASS,JSON,GruntJS,JavaScript, Kendo UI, jQuery, AngularJS, Node JS,C#,VB.NET, ASP.NET, Bootstrap, AJAX, SASS, LESS, Adobe Photoshop CS5, SQL Server Management studio, Microsoft Visio**, **SVN.**

**Votary Softech Solutions, India Oct 2010 – Sep2012**

**WebUI Developer.**

**Responsibilities:**

* Developed **User Experience Model** containing Screens, navigation maps and use cases.
* Maintained dynamic web applications using PHP, HTML and JavaScript running on an **Apache/Solaris server.**
* Created Front-end Applications using **HTML**, **CSS** and **JavaScript**.
* Implemented different kinds of UI controls including modal dialogs and AJAX web forms with upload file control.
* Built web pages that are more user-interactive using **AJAX, JavaScript, JSON, LESS, Bootstrap.**
* Managed advanced techniques for single page business solutions and front-end MVC patterns.
* Utilized and improved upon Microsoft Office tools for task-oriented automation; improvements reduced a 7-hour task to 10 minutes.
* Extensive hibernate development for the process and Data Model for Rating and Reconciliation Engine.
* Designed the front-end applications user interactive (UI) web pages using web technologies like **HTML, XHTML, and CSS.**
* Worked closely with QA and UX teams while gathering information about requested functionality and expectations.
* Gathered information for operation team about the front-end IIS configuration and suggested several improvements.
* Used the functionalities to write code in HTML, CSS, JavaScript, jQuery, Ajax, JSON, and Bootstrap with MySQL database as the backend.
* Involved in developing **HTML**, and **JavaScript** for client-side presentation and, data validation on the client side with in the forms.
* Worked on Jasmine and Chutzpah for my unit testing as we develop using TDD approach in Visual Studio/Xamarin environment.

**Environment: HTML, XHTML, CSS, LESS, JAVASCRIPT, JQUERY, MySQL, AJAX, JSON, Bootstrap, Visual studio,Xamarin, Apache, Solaris.**