**Sandeep venigalla**

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**PROFESSIONAL SUMMARY:**

* Over 8+ years of experience in **Web Development** and **UI Design** of corporate, intranet, business, consumer, and non-profit web sites.
* Professional understanding of System development life cycle (SDLC) as well as various phases such as Analysis Design, Development and Testing.
* Expert in developing User Interface (UI) applications and professional web applications using **JavaScript, JSP, XUL, HTML5 /DHTML, DOM, XHTML, jQuery, CSS3, and Ajax.**
* Expertise in building strong websites confirming Web 2.0 standards using **Yahoo User Interface (YUI) Framework, Dojo, JQuery, HTML5, XHTML, DHTML & CSS3** to develop valid code and table-free sties.
* Excellent experience in developing applications that meet the requirements as specified by Web Content Accessibility Guidelines (WCAG) 2.0.
* Extensive experience in various **UI widgets** using **JavaScript libraries (JQuery)** and developing Rich Internet Applications **RIA**.
* Professional in creating **Templates, Mockups** and **Prototypes, Web Interfaces, Layouts** and **Flow of Future Pages.**
* Expert in **HTML5/CSS3** development and have experience in **Backbone.js, node.js, angular.js, Ext.js, Responsive design.**
* Extensive experience on implementing the **AJAX** features using **JavaScript and jQuery.**
* Experienced in using Front End editors like **Dreamweaver, Espresso, TextMate, Sublime Text2 and Microsoft Expression Web.**
* Significant experience in web development tools like **APTANA STUDIO, Adobe Dreamweaver CS3, Spring Tool Suite, Eclipse, and Firebug.**
* Creative Knowledge in Art creation, modification and conversion- Logos, print media, web page and software interface design using Photoshop, Adobe Flash and Illustrator.
* Expert at creating functional specifications with **visual design mockups** in Adobe Photoshop, Adobe Illustratorand Adobe Flash.
* Strong knowledge in cross browser compatibility issues and W3C standards. Good Knowledge in using **Dojo Components** and integrating back-end applications with AJAX driven web 2.0 front-end using OO JavaScript framework.
* Strong experience in **Client Side designing** and validations **using HTML, DHTML and JavaScript.**
* Excellent experience in Restful Web services and Big Web service development and consumption. (JAX-RS and JAX-WS)
* Experience with Performance tuning tools like IE8 JS Profiler, Fiddler and Debugging tools like ULS viewer.
* Strong Experience in database design using **PL/SQL** to write **Stored Procedures, Functions, Triggers** and strong experience in writing **complex queries**, using **Oracle 8i/9i/10g/11g, DB2, SQL Server and MySQL**.
* Experience with versioning tools like Clear **case, SubVersion** and **CVS**.
* Strong experience in **writing** and **updating the technical documents** on daily basis with the changes made to the existing environment on daily basis.
* Excellent interpersonal abilities, communication skills, **time management** and **Team skills** with an intention to **work hard to attain project deadlines** under stressful environments**.**
* Experienced in monitoring the **Production Environments under 24/7** (under on-call rotation) to meet the Service Level Agreements set by the management.

**Technical Skills:**

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| **Web Technologies** | HTML, HTML5, XML, CSS,CSS3, JavaScript, jQuery |
| **IDE & Tools** | WebStorm, Notepad++, Adobe Dreamweaver, Adobe Flash Professional + Action Script 2.0/3.0, Microsoft Publisher, Eclipse |
| **Version Control** | Perforce, CVS |
| **JavaScript Libraries** | jQuery, Ext JS 2.0/1.0 |
| **Publishing Tools** | Adobe PageMaker, MS Office |
| **Wire Frame Tools** | Adobe Illustrator CS3 |
| **Data Access** | MY SQL |
| **Operating Systems** | Windows 95/98/2000/XP/Vista/7 |

**PROFESSIONAL EXPERIENCE:**

**Client: Lowe's Home Improvement, Philadelphia, PA. Oct 12 – Till Date**

Lowe's Home Improvement is an American chain of retail home improvement and appliance stores that has retail stores in the United States, Canada, and Mexico.

**Role: Java UI Developer**

**Responsibilities:**

* Involved in development, design and implementation of front end part widget based application.
* 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 developing UI pages using **HTML5, XUL, DHTML, XSL/XSLT, XHTML, DOM, CSS3, JSON, JavaScript, jQuery, Ajax.**
* Created **XHTML** Pages with **CSS** and the **Box Model.**
* Integrated the **Java code** (API) in **JSP** Pages.
* Used **jQuery** core library functions for the logical implementation part at client side for all the applications.
* Extensively used **jQuery UI** for screen design and development.
* Involved in Writing **jQuery** based **Ajax** Requests using jQuery. Get (url, data, callback, type) or **jQuery, Ajax** (options) and jQuery.post (url, data, callback, type) and jQuery. Get (url, data, callback, type).
* Used **jQuery Events** to manipulate the elements depends on the user interactions (like .ready (), hover (), bind (), click (), key press ()….).
* Developed Search Engine using JSP, presented the XML data in the web page using JavaScript and jQuery.
* Used Content Management system (CMS) for the dynamic configuration of the header and footer of the web application.
* Used **jQuery** to traverse through a **DOM** tree and manipulated the nodes in the tree. Implemented the **Drag and Drop** functionality using jQuery framework.
* Used Backbone.js for Rendering the View using render: function().
* Used jQuery **plugins** for **Drag-and-Drop**, **Widgets, Menus, User** Interface and Forms.
* Used Backbone.js for Fetching Data from the Server by giving URL to get JSON data for model and to populate model from the server.
* Used Backbone.js to create Views to hook up models to the DOM and synchronize data to/from server.
* Developed Date Time Picker using **Object Oriented JavaScript** extensively.
* Designed Pdf, Excel and Print previews for all the reports in the application using **HTML, JavaScript** and **SQL Stored Procedure**.
* Involved in developing **HTML and JavaScript** for client side presentation and, data validation on the client side with in the forms.
* Developed Page layouts, Navigation and presented designs and concepts to the clients and the management to review.
* Involved in developing **XUL**, **HTML, and JavaScript** for client side presentation and, data validation on the client side with in the forms.
* Debug the application using **Firebug** to traverse the documents and manipulated the Nodes using **DOM and DOM Functions.**
* Worked on Backbone.js to create Models to represent data.
* Contacted with different customer for their requirements. And Modified code as the customer needs.
* Involved in implementing the UI to support all the major browsers.
* Involved in writing and modifying Procedure, Queries, Views and Triggers and calling them from JavaScript.

**Environment:** OO JavaScript, HTML5, CSS3, JSP, XML, XUL, backbone.js, agular.js, Ext.js, DHTML, jQuery, Ajax, DOM, JSON, Dreamweaver, Adobe Flash, Firebug, Windows.

**Client: PG&E, SFO, CA. Nov 11 – Sep 12**

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combination natural gas and electric utilities in the United States. Based in San Francisco, the company is a subsidiary of PG E Corporation. PG E introduced a project called MyEnergy to track the energy usage.

**Role: Java UI Developer**

**Responsibilities:**

* Involved in web designing using **HTML 4/5, XHTML, CSS 2/3,** JavaScript and extensively used Table less Design in **CSS for positioning.**
* Designed DOM based interactive to reprogram selected links and adopted WCAG 2.0 standards for HTML and XHTML and W3C standards for CSS as well.
* Developed **CSS3** style sheets to give gradient effects. Developed page layouts, navigation and icons. Applied industry best practices and standards when project requirements were lagging.
* Created prototypes in **HTML, Photoshop, JavaScript and CSS** for different UI pages.
* Designated UI architecture for the internal web application and worked with designers to constructs conceptual **Wireframes** and **Mockups**.
* Developed page **layouts**, **Navigations** and **presented designs** and concepts to the clients and the management review.
* 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.
* Used **Ajax** effectively to create pagination and with client side events like quick search.
* Worked with **CSS background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, Pseudo elements** and **CSS behaviors**.
* Used **Google analytics reports**, optimized the page load time for the pages that had heavy traffic and improvised those pages using **CSS**.
* Enhanced user experience by designing new web features using **MVC Framework** like **Backbone.js**.
* Successfully handled **JSON/XML** data and carried out **JSON/XML** parsing for form submissions and **DOM manipulation.**
* Involved in Using Backbone.js created Models by extending backbone model base class, to get an attribute used get() to get data out of our model, to set an attribute used set() and send a JSON Object and to Synchronize the client-side we have with the server used save().
* Involved in **JavaScript** coding for validations, and passing attributes from one screen to another.
* Created **Mock-up designs** and developed various functionalities with **JavaScript and jQuery.**
* Written **Ajax driven JSON** consuming JavaScript functions to save User selections such as **radio button, drop-down menu selections into a cookie.**
* **Used HTML5** elements like video, audio and canvas in making the website interactive.
* Used all the advanced Photoshop features to create appealing visual web interfaces.
* Designed CSS based page layouts that are **cross-browser compatible** and standards-compliant.
* Used **CSS Blueprint** to create grids and adopt cross browser interactive features and to make the web pages more.
* Used detailed **wireframes** and developed **Mock-up designs** as per the requirements of Business.
* Worked on **Cross-Browser compatibility** and fixed the bugs, for several browsers.
* Converted wireframes in templates including creation of brand identity, web site header, menu, information containers, grid styles, navigation, forms, buttons, icons, images, User components and application widgets creation with suitable color schemes.
* Worked with the team of architects and back-end Developers to gather requirements and enhance the application functionality and add new features.

**Environment:** OO JavaScript, HTML5, CSS3, JSP,Eclipse, DHTML, jQuery, AJAX, JSON, DOM, DHTML, XML, Photoshop, backbone.js, node.js, angular.js, Tortoise SVN, Firebug, Windows.

**Client: GalaxE Solutions, Somerset, NJ. Sep 10 – Oct 11**

GalaxE Solutions is a full service consulting firm focused on delivery excellence in the area of IT solutions across multiple technologies. GalaxE Solutions is an industry leader in designing and deploying systems that enable agile business processes to allow clients to transact and share information across internal networks and the Internet, targeting business results, competitiveness, and efficiency. I was involved in a project to develop a customer service representative tool for different clients with particular variances set up to them to access a website through which clients can access their users data and provide them optimistic solutions.

**Role: Web/UI Developer**

**Responsibilities:**

* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
* Wrote application level code to perform client side validation using **JQUERY and JavaScript.**
* Designed the front end applications, user interactive (UI) web pages using web technologies like **HTML, XHTML, and CSS.**
* Using advanced level of **JQUERY, AJAX, JavaScript, CSS** and pure CSS layouts.
* Wrote JQUERY function while implementing various UI Screens across the whole web application (both consumer facing as well as internal application).
* Involved in writing application level code to interact with **APIs, Web Services using AJAX, JSON and XML.**
* Designed and developed intranet web applications using **JavaScript and CSS.**
* Interacted with java controllers (JQUERY, Ajax, and JSON to write/read data from back end systems).
* Used SVN for version control and QC for defect tracking.
* Maintain, enhance, and recommend solutions that best suit business and technology needs from UI standpoint.
* Creating cross-browser compatible and standards-compliant CSS-based page layouts.
* Strong communication, analytical and interpersonal skills working within cross-functional teams.
* Worked on cross browser compatibility issues and fix the bugs pertaining to various browsers.

**Environment:**JavaScript, HTML 4.x, CSS2.x, jQuery, AJAX, JSON, XML, SVN.Q, QC

**Client: Lockerz, Redwood City, CA.Nov 09 – Aug 10**

Lockerz is an e-commerce based firm which connect members through commerce, content and social networking.

**Role:Web Developer**

**Responsibilities:**

* Involved in developing the UI pages using HTML, DHTML, CSS, JavaScript, JSON, jQuery, Ajax.
* Worked closely with system analyst to understand the technical requirements of the projects.
* Followed the Agile and Scrum development methodologies.
* Integrated the Java code (API) in JSP Pages.
* Used JQuery core library functions for the logical implementation part at client side for all the application.
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Tool bar for IE.
* Involved in developing HTML and JavaScript for client side presentation and, data validation on the client side with in the forms.
* Involved in designing and developing the GUI for the user interface with various controls.
* Played a vital role in defining, implementing and enforcing quality practices in the team organization to ensure internal controls, quality and compliance policies and standards.

**Environment:** AJAX, HTML, CSS, JavaScript and Windows XP.

**Company: Hayagriva, India.** **Aug 08 – Oct 09**

Hayagriva is a software company engaged in the development of RDAs (Rich Desktop Applications) in the area of PIM (Personal Information Management) for use worldwide. Their products aim to enhance the productivity of a computer user and improve the way the userworks, learn, or seek entertainment.

**Role:UI Designer**

**Responsibilities:**

* Involved in developing the UI pages using **HTML, DHTML, CSS, JavaScript, JSON, jQuery, Ajax.**
* Followed the **Agile** and **Scrum development** methodologies.
* Integrated the **Java code** (API) in **JSP** Pages.
* Used **jQuery** core library functions for the logical implementation part at client side for all the application.
* Debug the application using **Firebug** to traverse the documents and manipulated the Nodes using **DOM and DOM Functions using Firefox** and **IE Developer Tool bar** for **IE.**
* Involved in developing **HTML and JavaScript** for client side presentation and, data validation on the client side with in the forms.
* Involved in writing **SQL Queries, Stored Procedures.**

**Environment:** HTML, CSS, JavaScript, XML, SQL, PL/SQL, MS Office

**Company: Novartis, India. Sep 05 – Jul 08**

Novartis is a world leader in the research and development of products to protect and improve health and well-being. The company has core businesses in pharmaceuticals, vaccines, consumer health, generics, eye care and animal health.

**Role: UI Developer**

**Responsibilities:**

* Developed web pages and components using **HTML** and **CSS** and **JavaScript.**
* Created business classes and base objects
* Utilized **JavaScript** and **JQuery** to improve overall design and UI of campaign websites.
* Worked alongside backend Java programmers to troubleshoot Java Script related issues with front-end connectivity.
* Extracted data in UI for different clients using **JSON** format.
* Implemented client-side validations using **JavaScript**
* Implemented AJAX to speed up web application Used Web Developer, Firebug, and IE developer toolbar for debugging and browser compatibility
* Participated in maintenance and production support.

**Environment:** HTML, CSS, JavaScript, JQUERY, AJAX, JSON