**Madhusudhan**

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**Experience Summary:**

* Around 7 years ofexperience in the IT industry working with Web Based Applications and UI applications in various domains.
* Extensive experience working in both **AGILE/SCRUM** and SDLC based development environment and participating in SCRUM sessions that includes Analyzing, Designing, Coding, Testing, implementation & Production Support.
* Actively took part in all the phases of the development life-cycle including design, architecture, implementation, release, unit testing, refactoring and maintenance.
* Extensive experience in developing Web based applications and Client/Server applications using **HTML, HTML5, CSS, CSS3, Bootstrap, JavaScript, JQuery, AJAX, JSON, AngularJS,** etc.
* Developed, Configured and Deployed a variety of Portals and UI Applications including HTML, CSS3 and JavaScript.
* Experience on working with CSS background, Layouts, Positioning, Text, Border, Padding, Pseudo Classes, Elements and CSS behaviors in **CSS**.
* Experience in writing structured markup, CSS and **JavaScript/ jQuery** and keeping up-to-date with the latest developments in web technology
* Understanding of **Node.js** Backbone.js, and Extensive experience with **Object Oriented JavaScript**.
* Experience using **AJAX** to create interactive web applications, mainly focusing at increasing performance.
* Used **jQuery/JSON** for retrieving data.
* Used **Bootstrap** for responsive web design and used AngularJS as well to build interactive webpages.
* Experience in using **Bootstrap** for layout, forms, buttons in the application.
* Experience with Advanced jQuery concepts like live, delegate, event management, jQuery, MVC etc.
* Used **JIRA** for bug tracking and issue tracking.
* Used **SVN, GIT**version control systems.
* Wrote Jasmine unit tests using **Karma** to verify**AngularJS** modules and **JavaScript** utility routines.
* Experience working extensively on both UNIX and Windows based Environments.
* Experience in documentation using MS tools (Word, Excel, PPT, Project and Access).
* Translated complicated enterprise specific business rules and procedures into appropriate business
* Logic components such as code libraries, stored procedures and security models.
* Expert in creating Templates, Mockups and Prototypes, Web Interfaces, Layouts and Flow of future pages.
* Experience in Manual and Automated testing of software applications.
* Good team player with excellent communication skills and Ability to learn and adapt quickly to the emerging new technologies.

**Technical Proficiencies:**

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| **Web Technologies** | HTML, HTML 5, DHTML, Cascading Style Sheets (CSS),  CSS3, XHTML, XML, JavaScript, jQuery, Bootstrap, AngularJS, JSON, AJAX |
| **Languages** | C#, C, C++, Java, JavaScript, PL/SQL |
| **IDE, HTML Editor** | Notepad++, Eclipse IDE, Sublime Editor, Adobe Dreamweaver |
| **Application and Web servers** | WebSphere, WebLogic., Apache Tomcat, JBoss, Mango HTTP Server |
| **Database** | ORACLE 8i/9i/10g/11g, DB2, Teradata, SQL Server 2012/2008/2005, MS Access |
| **Script Editors** | Visual Studio 2008/2010/2012, MyEclipse, Dreamweaver, Microsoft Visio |
| **Operating Systems** | Windows 98, 2000, XP, Windows7, Mac OS, Unix |
| **Version Controls** | Tortoise-SVN, VSS, CVS and GIT |
| **Tools** | Jasmine, Karma, Atlassian JIRA, Gulp, Bower, and Mocha |

**Work Experience:**

**Client: Zimmer Biomet, Warsaw, IN Nov 14 – Till Date**

**Role: Sr UI/Web Developer**

**Responsibilities:**

* Active participation throughout the entire software development lifecycle from project inception, to code development and elaborate testing of the various modules.
* Used agile methodology for the software development.
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, Bootstrap, JavaScript, jQuery AJAX, AngularJS and JSON.
* Responsible for authoring of website functionality with JavaScript, HTML, CSS.
* Used CSS Sprites to decrease the number of HTTP requests and load time of web pages
* Created forms to collect and validate data from the user in HTML and JavaScript.
* Used JavaScript, jQuery for user interactions in pages.
* Extensively used Bootstrap and CSS3 media queries for Responsive Web Design (RWD)
* Used JQuery Ajax for service calls on pages to interact with the server for information.
* Utilized various JavaScript and jQuery libraries, AJAX for form validation and other interactive features.
* Involved in designing and developing the JSON, XML Objects with MySQL.
* Used Ajax, JSON to send request to the server to check the functionality of the websites.
* Used JSON for storing and exchanging information between browsers and servers.
* Worked with Bootstrap and SASS and minimal Node.js and AngularJS.
* Building single-page web apps or complicated user interfaces using angular.js.
* Worked on creating responsive website for smart devices using responsive design and media queries.
* Rapid prototyping of design concepts.
* Integrated the Angular JS application with the RESTful web services.
* Synchronizing various parts of web applications using angular.js.
* Using complex Object Oriented concepts in improving the performance of the websites.
* Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Developed SQL queries to perform insert, update or delete operation on MySQL database.
* Testing the website on multiple browsers with their old as well as latest release.
* Managing tickets through JIRA and use Source tree with GIT for version control.
* Been an active team player, helped in fixing bugs and also carried out troubleshooting.
* Produced semantically appropriate standards, compliant markup and rich User Interfaces.

**Environment:** HTML5, JavaScript, AngularJS, Ajax, CSS 2/3, Bootstrap, JSON,Bower, XML, JQuery, Node.js, JIRA, Gulp, DOM.

**Client: Target, Minneapolis, MN Mar14 – Nov14**

**Role: Sr UI/Web Developer**

**Responsibilities:**

* Contacted different customers for their requirements and modified code as the customer needs.
* Involved in Agile Methodology process which includes bi-weekly sprint and daily Scrum to discuss the design and work progress.
* Developed UI pages using HTML, DHTML, XHTML, DOM, CSS, JSON, Bootstrap, JavaScript, jQuery, AngularJS and AJAX.
* Created XHTML pages with CSS and the Box Model.
* Integrated the Java code (API) in JSP pages.
* Widely used AngularJSTwitter-Bootstrap components like calendar picker, time picker, directives, select2, model pop-ups, ng-grid, router Providers, progress bar, ng-Idle, and ng-Upload.
* Developed frontend widgets in Backbone.js and utilized various JavaScript and jQuery libraries, AJAX for form validation and other interactive features
* Used jQuery core library functions for the logical implementation part at client side for all the applications.
* 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).
* Used JQuery events to manipulate the elements depends on the user interactions (like. Ready(), hover (), bind (), click (), key press (), etc.).
* Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree.
* Used modern web technologies such as HTML5, SASS, JQuery, Bootstrap, AngularJS, Backbone.js frameworks.
* Implemented the Drag and Drop functionality using jQuery framework.
* Used jQuery plugins for Drag and Drop, Widgets, Menus, User Interface and Forms.
* 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 within the forms.
* Involved in writing and modifying Procedure, Queries, Views & Triggers and calling them from JavaScript using the Temp net Framework.
* Managing tickets through JIRA and use Source tree with GIT for version control and also used bower as package manager.
* Written SQL Queries to interact with Oracle database.
* Debug the application using Firebug to traverse the documents and manipulated the nodes using DOM and DOM Functions.
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles.

**Environment**: HTML, CSS, XML, DHTML, XHTML, DOM, Bootstrap, JavaScript, JQuery, Angular JS, Node.js, Adobe Dreamweaver CS5, AJAX, JSON, ECLIPSE.

**Client: Synovus Financial Corp, Columbus, GA Oct12 – Mar14**

**Role: UI/Web Developer**

**Responsibilities:**

* Actively Participated in SCRUM Team Meetings, frequently communicated with Business Analysts to clarify the business requirements.
* To release the enhancements within the specified timeline communicated.
* Involved in creating UI for facility users to report facility status using HTML, CSS, JavaScript, jQuery framework.
* Involved in creating HTML 5 templates.
* Developed the User Interface using HTML5, CSS3, AngularJS JavaScript, JQuery and AJAX.
* Designed flash plugins for including different functionalities and content.
* Designed XML files for maintaining contents like video, images and audio and display them in flash application.
* Going through User Documents and Design user interface designs, Wire frames, Information architecture flows and mockups.
* Wrote application level code to interact with the backend databases JQUERY, AJAX and JSON.
* Applied JQuery scripts for basic animation and end user screen customization purposes.
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript and JQuery**.**
* Created web pages using HTML, CSS, JQuery and JavaScript.
* Creating and implementing Master Classes in Action script 3.0 (based on MVC) for the application.
* Developing XML classes for loading the data from XML files deployed at the server.
* Designed 10 Unique themes with rich and flexible to accommodate different scenarios in which the user might want to display the data.
* Testing, fixing the bugs and troubleshooting technical problems.

**Environment:** HTML5, JavaScript, JQuery, CSS3, Adobe Photoshop, AJAX, XML, JSON, My Eclipse.

**Client: Cisco Systems, Irvine, CA Nov11 – Sep12**

**Role: Web Developer**

**Responsibilities:**

* Involved in the Analysis, System study and designing of the project.
* Developed front-end screens with HTML, DHTML, CSS, JavaScript and JSP's. Extensively did client side validations using JavaScript and developed the required Servlets.
* As a developer, coordinated with onsite team and client in understanding the business process and requirement understanding.
* Participated in different phases of the SDLC (Software Development Life Cycle) and Documentation.
* Provided a User Authentication and different interfaces depending upon the type of the user. .
* Implemented the Server side connectivity using Servlets.
* Used JavaScript for client side validations.
* Used Oracle for designing and creating the Database.
* Used JDBC for communicating with the backend.
* Deployed the application using Tomcat Web Server.
* Utilized the mail merge techniques in MS Word for the time reduction in sending certificates.
* Extensively used images of the product for web and catalogue.
* Web Application Developed using Web Technologies 2.0.
* Interactive Planning for the product development.
* Used Flash Animations and Storyboard & User Flows for e-learning tutorials using human factor engineering design concepts.
* Used JDBC, application server provided transaction API for accessing data from the Oracle the using standard statements.
* Developed stores procedures, triggers, functions and database tables in Oracle database.
* Preparation and review of Unit Test Plan, Unit Testing, Test Results review and other quality related work.

**Environment:** HTML, CSS, JavaScript, XML, XHTML, DOM, DHTML, Oracle database, Eclipse, SQL, Windows XP/07 and MS Office.

**Accenture Services Pvt Ltd, Bangalore, India Jun09 – Nov11**

**Role: Java/UI Developer**

**Responsibilities:**

* Involved in requirements Development, System Testing.
* Developed UML diagrams like Use Case Diagrams, Class Diagrams and Sequence Diagrams to represent the detail design phase.
* Participated in different phases of the SDLC (Software Development Life Cycle) and Documentation.
* Developed Servlets to handle the user requests.
* Developed JSPs as part of front end UI.
* Developed build Scripts using Maven to build and deploy the application.
* Implemented application using MVC architecture integrating Hibernate and spring frameworks.
* Developed data module which gets data from the database using JDBC Connectivity.
* Developed Request Cash Message and get Cash plugins using Java Beans.
* Designed DTD's for XML representation of data.
* Used TOAD for SQL queries and stored procedures.
* Created and Modified DAO's to communicate with Oracle10g.
* Done with unit testing of all java classes using JUnit framework. And also done various kinds of testing activities starting from Unit Test, Sub System Test, System Test, and User Acceptance Test.

**Environment**: Java, HTML, JSP, TOAD, JavaScript, Servlets, JDBC, Oracle10g, Apache Tomcat Server 3.0, UML, MS Office.

**IBM, Hyderabad, India Dec08-Apr 09**

**Role: TGMC Intern**

**Responsibilities:**

* Involved in requirements gathering, implementation, coding and System Testing.
* Actively involved in creating use case, sequence, activity diagrams using Rational Rose UML tool.
* Multithreading is implemented in order to perform in order to handle multiple operations that are required.
* Designed and developed the application and a framework to support the application using Java/J2ee, particularly Java Server Pages (JSP), Servlets, and JSP API’s.
* Involved in creating a web interface using JSP and HTML.
* Experience in DB2 software installation, fix pack installation and database upgrade.
* Experience in writing DB2 stored procedures using PL/SQL.

**Environment:** HTML, CSS**,** Java/J2ee, DB2, Tomcat Web Server, Eclipse IDE, Rational Rose UML tool

**Education and Certifications:**

* Bachelor of Technology in Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad, India.
* IBM certified DB2 professional.