**SANDHYA**

**PROFESSIONAL SUMMARY**

* Having 8+ years of experience in software development including 6 years of experience as a Java Front End (UI) Developer in design, development, maintenance, and support and testing of various web-based applications using **HTML5, XHTML, CSS3, SASS, JSP, Bootstrap, JavaScript, AngularJS, jQuery, Node.js, AJAX, JSON, RESTful Services and Spring Web MVC.**
* 3.5+ Years’ experience in **AngularJS**.
* Extensive knowledge and experience in developing **Single Page Applications (SPA) using AngularJS.**
* Extensive experience in **Java/J2EE/JSP/Spring/Hibernate Frameworks.**
* Reliable Knowledge in developing applications using **Apache Tomcat and JBoss**.
* Expertise in design and development of web applications using **Core Java, J2EE, Servlets, JSP, JavaBeans, JavaScript, Applet and XML**
* Responsible for checking cross browser compatibility and hence worked on different browsers like **Safari, Internet Explorer, Mozilla Firefox and Google Chrome.**
* Experience in client side **MVC or MVW frameworks** like **Angular JS**.
* Solid Experience in **AngularJS, Web Components, Bootstrap, JavaScript functional & OO, TDD, jQuery, Backbone.js, REST, MVC, MVVM, HTML5, UX, SEO, CSS Less Sass, Grunt, Gulp, Node.js, Git, PHP, java, MySQL.**
* Created **custom directives** in **Angular js** for re-usable components (multi-field form elements, background file uploads, etc.).
* Developed Web 2.0 applications to consume **JSON response** using **callback functions**
* Solid experience in **Ajax, JSON with jQuery** for request data and response processing.
* Implemented dynamic web pages making **AJAX** Calls, using **the XML Http Request Object**.
* Solid Knowledge on Object Oriented Programming **(OOPS)** Concepts, Object Oriented JavaScript, **JAVA, JDBC** technologies and their Implementation.
* Participated in **development converting the static HTML markups to JSP’s using JSTL.**
* Strong Understanding in Guidance **with tooling, build automation, continuous delivery, source control, UI best practices & design patterns, coding standards, maintenance, quality, future-proofing, browser standards & compatibility, REST APIs, Agile UI methods, UX & usability, responsiveness**
* Experience on working with **CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo-classes, Pseudo-elements and CSS behaviors in CSS.**
* High Knowledge in continuous integration of deploying applications using **Jenkins**.
* Expertise in using **JSON** open standard format for data transfer.   
  Experience in building UI screens using **JSP, Jquery, Adobe AIR, Angular JS and HTML 5.**
* Strong understanding in using the built in tools like **Maven,Jenkins and Log4j tools**
* Involved in using various **IDE's Notepad++, Eclipse, Intelli J and Web Storm.**
* Utilized the latest front end Technologies such as **HTML5 and CSS3 for layouts.**
* Ability to **analyze, debug** and enhance standard libraries and Open Source code.
* Good knowledge of database connectivity (JDBC) for databases like **Oracle, DB2, SQL Server, MySQL,** and **MS Access.**
* Expertise in **multi-Threading, collections, interfaces, Synchronization and Exception Handling.**
* Performed unit testing using **JUNIT test cases.**
* Expert in documenting **business requirements**, **functional, technical specifications** and test cases.
* Worked in all **phases of Software Development Life Cycle** in the software models like **Waterfall, Agile, Prototype and RUP models**
* Professional experience at all stages of software development lifecycle including **requirements analysis and Debugging, Applications design, Development, Integration, Maintenance, Installation, Implementation, Testing of various client/server, N-tier, and web applications.**
* Experience of application development in different environments like **Windows** and **Linux.**
* Excellent problem-solving skills with strong **technical background** and **good analytical skills**.
* Quick learner and excellent team player, ability to meet **tight deadlines** and work under pressure.
* Excellent written and **verbal communication skills** and **presentation skills.**
* Well experienced in working with **MS Office.**

**TECHNICAL SKILLS**

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| **Programming Languages Java, JavaScript, SQL, PLSQL, XML, XSLT and UML** |
| **Java/JEE Technologies JSP, Servlets, IaaS, EJB, JDBC, JMS, JNDI.** |
| **Web/Application Server Tomcat, WebLogic, WebSphere, JBoss** |
| **Web Technologies HTML, DHTML, XML, XSLT, JavaScript, CSS, GWT** |
| **Databases Oracle, DB2, Sybase, MDB, SQL Server.** |
| **IDEs Eclipse IDE, Notepad++, Intelli j, Webstorm** |
| **Other Tools &packages CVS, JUnit, Maven, ANT, Github, Jasmine,** |
| **Modeling Tools IBMRational Rose, Visual Paradigm.** |
| **SDLC Methodology Agile, RUP, Waterfall model.** |
| **GUI Dev.APIS Java Applets, JFC/Swing, SWT, JFACE** |
| **Operating Systems Sun Solaris, Linux, HP-UX, AIX, Unix, DOS, MVS, Windows**  **2003/XP/2000/NT/98/95** |
| **XML/Web Services SOAP, WSDL, JAX-WS, JAX-RS, Jersey, Apache CXF, JSON,**  **XML, XSTL** |
| **User Interface HTML, DHTML, CSS, Java Script, AJAX, JQuery and Angular JS** |
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**WORK EXPERIENCE**

**Client: Inttra Inc, Parsipanny, NJ April2016-June 2016**

**Role: Sr. UI Developer**

**Responsibilities:**

* Developed responsive web application named **EVGM**related to shipping industry
* Enhancement of existing application utilizing **JSP**, Created **HTML navigation menu** that is role based menu items changes dynamically, derived from the database in the form of **XML**.
* Extensively worked with making calls to **APIs to fetch the data from the backend as JSON response and parse it on the UI for DOM/CSS Manipulation.**
* Had a little experience of three months on **Typescript and** used **TSCS to compile the typescript file to java script when it appears on the browser**
* Solved **production issues and** assisted **Biz talk team in writing the correct format of JSON.**
* Successfully executed all the **test cases** and fixed any **bugs/issues** in **JIRA** identified during the test cycles.
* Proficiency working in and/or setting **MVC frameworks** and **Design Patterns**
* Worked with **CSS selectors, specificity, rules, optimization,** and **preprocessors**
* Effectively worked to increase **Browser performance** and **compatibility**
* Extensively worked on**Minification , Browser cache and Akamai.**
* Worked quickly with an eye towards writing **clean code** that is **efficient and re-usable**
* Actively participated in the interview panel and conducted interview to **hire UI Developers**
* Implemented changes to the **javascript, CSS, or other static resources it will be served by the gulp task and** Used **Browser sync to connect to the local server**
* Used tools like **Gulp, Grunt** to run build then there are plugins for both **RequireJS and Browserify which make compiling your JavaScript** a lot easier.
* Experience in configuring build tools like **MAVEN** for thedevelopment and deployment with **Jenkins**
* Involved in developing the **UI pages using HTML, DHTML, CSS, JavaScript, JSON, JQuery, Angular JS and Ajax.**
* Developed server side **REST web services** and called them from **angular controllers**.
* Web application development for backend system on using Angular with cutting edge **HTML5 and CSS3 techniques.**
* Implemented changes in **SCSS file** that reflects in **CSS file**
* Committed code change into repository using **Perforce.**
* Delivered **functional prototypes, HTML/CSS-based** templates according to **technical specifications**
* Developed**proof of concepts** with having specific **UX analysis**, and technical teams to explore great ideas
* Evolved the technology in alignment with architecture and technology strategy and vision working closely with the **Head of User Experience**, Director of Engineering and Director of Functional Architecture.
* Delivered working code with working **unit tests**, per our development standards and guidelines.
* Worked with software engineering to map-out interactions between the **UI and back-end**.
* Participate in all aspects of an **Agile/Scrum development** process from **sprint planning to retrospective.**
* Exhibited **Master level skills in AngularJS**
* Efficiently built**prototypes** for new features that are **consistent with business goals**
* Played an good team player role who will contribute to the company's culture of **collaboration, accountability, and above-expectations performance**

**Environment:**JavaScript, JQuery, Angular JS,HTML5, CSS3, Typescript, Gulp, Maven, JSP, XML, AJAX, Eclipse, Intelli J, Web Storm SQL, PL/SQL, Oracle and Windows.

**Client: Vectren Corporation, Evansville, IN June2015–March 2016**

**Role: Sr. UI Developer**

**Responsibilities:**

* Designed modules using technologies like **Angular JS, JSON,** and **JavaScript**.
* Worked on **JavaScript** and **HTML5** Browser Cache mechanism for storing and retrieving data for the website.
* Worked on UI composition using **SWE (Siebel Web Engine)** Tags in **SWE Templates**
* Created Responsive Designs (Mobile/Tablet/Desktop) using **HTML5, CSS3**&**Bootstrap**.
* Created client side validation using technologies such as **Angular JS** and **JavaScript**.
* Used **$HTTP, AJAX**&**JSON** communication for accessing **RESTful web services data payload.**
* Developed cross-browser/platform pages using **CSS3Media Queries** and **JavaScript** to match design specs for complex page layouts while adhering to code standards.
* Implemented **paging functionality** for various screens for quicker rendering of data and also to **avoid crashing of the browser.**
* Used **Angular JS** for making **restful API calls** and **data binding.**
* Wrote test cases, created specs, page objects and undergone End-to-End Testing for whole application using **Jasmine**for **Angular JS** on **Node JS** command line.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **HTML5, CSS3, JavaScript, Angular JS**
* Minified **JavaScript files** and used **CSS** Sprites for reducing page load times.
* Used **JIRA** as the bug tracking system to track and maintain the **history of bugs/issues on everyday basis.**
* Created **Single Page Application using AngularJS** for applying credit card which involved in using **routers, controllers and custom directives.**
* Responsible for design, configuration, development, validating and testing of an application architected and developed using. **AngularJS, MVC framework**
* Utilized modular structure within the **AngularJS application** in which different functionalities within the application were divided into **different modules.**
* Implemented **Angular Controllers** to maintain each **view data and Angular Service calls using Angular Factory**.
* Maintained and enhanced existing **Web applications.**
* Used **AngularJS and JavaScript** to implement form **validations.**
* Developed rich user interface using **jQuery framework** extensively.
* Used $resource and $promise to perform **AJAX calls** for creating interactive web pages on **JSON response.**
* Worked on browser compatibility issues: tested and debugged the application using **Jasmine and firebug.**
* Used **AngularJS** to build custom directive to **display every transaction.**
* Designed **NodeJS server** and router binds to **UI web pages.**
* Worked closely with designer team to follow up the wireframe and other **graphics mockups**.
* Underwent cross-platform test automation for mobile devices based on **iOS** and **Android**, **validated mobile app quality, spotted issues using Mobile Labs Simulator.**
* Worked with an **Agile, Scrum development methodology** to ensure delivery of high-quality work with monthly iteration, involved in sprint planning and retrospectives.

**Environment:** Angular JS, JSON, JavaScript, HTML5, CSS3, Bootstrap, HTTP AND AJAX

**Client: Social Interest Solutions, Sacramento, CA April 2014 – May 2015**

**Role: Sr. UI Developer**

**Responsibilities:**

* Analyzed business requirement to translate functional requirements into technical requirements using **MVC framework Angular.js**, making multiple developers to be able to work on separate modules simultaneously
* Designed and developed user interface using **HTML 5, CSS 3** and **JavaScript Libraries**
* Responsible for the overall layout design, **created a responsive web page** and implement dynamic features by using **Twitter Bootstrap**.
* Implemented highly interactive features and redesigned some parts of products by write plain **JavaScript due to some compatibility issues using jQuery**
* Used **AngularJS to create a Single Page Application (SPA)** for the gift card module along **with routers, filters, custom directives and controllers**
* Involved in using **jQuery Validation Plug-in for client side validation**
* Handled browser compatibility issues for different browsers related to **CSS, HTML, and JavaScript for IE, Firefox, and Chrome browsers**
* Worked on consuming **JSON object creation**, parsing on both clients as well as server side.
* Designed and developed modules to retrieve data and improve data using **AJAX calls by $http service in AngularJS**
* Responsible for **conceptualization, design and development of the web pages**.
* Responsible for **creating the screens** with table-less designs meeting W3C standards.
* Designed dynamic and browser compatible pages using **HTML, DHTML, CSS and JavaScript.**
* Managed Object persistence, Data retrieval using **Hibernate**, **spring** framework with **Oracle** backend.
* Developed **page layouts, navigation, animation buttons and icons**.
* Worked on the website from start to finish to give it a new look using **HTML/CSS/JavaScript**.
* Automated the entire deployment procedure using built scripts of **Maven**.
* Did extensive **JavaScript and JQuery programming to give AJAX** functionality for the website.
* Interacting with the **senior management** and users for **new features in this website.**
* Managing **all versions of the website** (Development, Beta and Production).
* **Agile Scrum leads, create project backlogs, assign functionality** to individual team members, and resolve dependency bottlenecks in spring meeting
* Created **file and did Unit testing** by creating Test Suites using Jasmine
* Used **JIRA** for bug tracking and issue tracking
* Committed code change into repository using **Git**

**Environment:** HTML 5, CSS 3, JavaScript, AngularJS, jQuery, Bootstrap, JSON, AJAX, Jasmine, JIRA, Scrum, Git.

**Client: Scholastic Corp, Secaucus, NJ July 2013 – March 2014**

**Role: Sr. UI Developer**

**Responsibilities:**

* Responsible for Design and development of Web pages using **HTML, CSS** including **Ajax** controls, **Bootstrap,** and **XML**.
* Developed **UI** using **HTML, CSS, JavaScript** validations and **XML**.
* Coordinated with **BA group** for better understanding of **functional requirements** analyzed and designed the **business requirements** to documented and implemented.
* Deployed applications in **JavaScript**, and **MySQL**.
* Created various web page layouts using **HTML** and **CSS**.
* Responsible for all client side **UI Validation** and implementing **Business logic** based on user selection using **AngularJS**.
* Designed, developed and updated User Interface Web Forms using **CSS, Dreamweaver, JavaScript, and Bootstrap.**
* Responsible for developing, editing, publishing and managing content on the external **Web pages and internal layouts.**
* Providing **permanent fixes for production issues** and implementing many bug fixes.
* Providing **status updates** on daily task, production issues and development activities.
* **CSS** was used to **style the HTML elements** and used **Ajax for populating the list/dropdown box with data from DB.**
* Developing **PL/SQL stored procedures, Functions, Packages, SQL scripts** to facilitate the functionality for various modules
* Developed **detailed test approach** and **test cases documents.**
* Involved in **unit testing and integration testing** during different phases of **application development.**
* Used **Cascading Style Sheet** (CSS) in web pages to separate presentation from structure.
* Perform code review with peers to ensure **code optimization** and **web optimization techniques** are followed.
* Follow **agile methodology** and **iteration planning.**
* Support and consultation for content publishers, web developers and managers.

**Environment:** HTML**,** CSS, JavaScript, AngularJS, AJAX, Bootstrap, MySQL, Dreamweaver, Clear quest, Apache, Windows 2000/XP.

**Client: Hertz, Park Ridge, NJ Dec 2011 – June 2013**

**Role: UI Developer**

**Responsibilities:**

* Attend Daily **stand-up meetings (Scrum),** Estimation meetings and Requirement review meetings to analyze requirements for each story card in a sprint
* Developed User Interface for the project using **HTML/HTML5** and **CSS/CSS3**
* Designed dynamic and multi-browser compatible pages using **HTML, CSS, JQuery, JavaScript, Angular Js, Require Js and Kendo UI.**
* Used **jQuery and AJAX** for service calls on pages to interact with the server for information.
* Used **AJAX, JSON** to send request to the server to check the functionality of the website.
* Developed **page layouts, navigation and presented designs** and concepts to the clients and the management to review.
* Worked on CSS to design the **navigation, gradient background** and used other style properties to enhance the look of the web page.
* **Front end validations** are written using **JavaScript.**
* Worked on **Cross-Browser compatibility**.
* Involved with bug fixing on functionality, performance and designing issues with **JavaScript** and **JQuery**
* Worked on creating different types of charts for representing the data using **Kendo UI Java Script Chart widget.**
* Maintained existing UI Applications and upgraded them using **CSS 3, jQuery, AJAX, JavaScript, JSON and HTML 5**
* Developed **CSS-based page layouts** that are cross-browser compatible and standards-compliant.
* Making the application responsive using **bootstrap**.
* Developed the application using **Angular JS** to support for **Single Page Application (SPA).**
* Involved in writing the **Unit Test Cases** using Jasmine.
* Debugging the code using browser tools like **Chrome Developer Toolbar, Firebug, and IE Developer Toolbar.**
* Collaboration with team members **design, analysis, coding, testing,** and **review website.**

**Environment:**HTML/HTML5,CSS/CSS3, JavaScript, jQuery, JavaScript MVC, ALM for defect tracking.

**Client: Focus Associates, Hyderabad, India March 2010 – Nov 2011**

**Role: UI Developer**

**Responsibilities**

* Designed layouts on the front-end using **HTML, CSS, JavaScript, jQuery and AngularJS.**
* Used interactive **data binding, filters** and **animation events using AngularJS.**
* Built **CSS and JavaScript system** for controlling text display issues cross-platform and cross browser
* Used jQuery to make the **HTML, CSS** interact with **JavaScript functions** to add dynamism to the web page.
* 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**
* Worked with backend programmers to troubleshoot **Java Script related issues with front-end connectivity**
* Implemented **jQuery** to improve the overall usability of the **website interface**
* Implemented **AJAX functionality** to speed up web application.
* Used **advanced JavaScript** to create interfaces and help manage **cross browser compatibility.**
* Used **Firebug to debug JavaScript**, to analyze **DOM objects** of the page and to change the page layout.
* Developed and implemented **Email marketing campaigns** for various clients.
* Widely used **Optimization technique in existing code**.
* Used **JSON for data transfer** between **front end and back end.**
* Implemented **web standards,** and resolved **accessibility of the web pages** which receive more user traffic.
* Understanding entities and their attributes for **defining classes, attributes properties and functions.**

**Environment:HTML4,CSS2,Bootstrap,JavaScript, jQuery, JSON, Ajax, Firebug, JIRA, Restful Web services, AngularJS, Node.js, GitHub, Gulp, Mysql, Windows, Agile Development, Sublime.**

**Client: Ranal Software Solutions Pvt Ltd, Bangalore, India. June 2008 – Feb 2010**

**Role: Java Developer**

**Responsibilities:**

* Coding/Development of individual modules.
* Worked in **Water fall Methodology** and involved in the project discussions.
* Develop the front-end using **Struts Framework, JSP, JQuery,** and **Servlets.**
* Worked with **SQL** and **stored Procedures and Functions**.
* Worked in Enhancement of the portal based on the user requirements.
* Solving the bugs, defects in the portal and also testing them.
* Toad was used as the **DB2 developer** tool to access the DB2database.
* Developed the business domain layer using **Java, J2EE, JDBC and used DAO, Singleton.**
* Used DB2 Top Link Workbench as a**ORM tool** for mapping **POJO’s to Database tables**.
* Unit **Testing/Integration Testing, JUnit, Debugging and Implementation**.
* **Log4J** was used for monitoring the **error logs.**
* Used and implemented design patterns like **MVC (Model-View-Controller)**
* **Database Updates / Verification.**
* Extensively involved in portal related **technical/functional sessions**.
* Used **Clear Case as a Version Control.**

**Environment:** Java, JSP, Servlet, AJAX, Struts , DB2, HTML, JQuery, CSS, XML, JavaScript, Web Logic Server , DAO, JDBC, JUnit, Clear Case, Log4j, JDBC, JDK 1.5, JUNIT, Mockito.

**EDUCATION**

**Bachelor of Technology in Computer Science Engineering, India.**