**Sowmya G**

**Java UI Developer**

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**Professional Summary**

* **6** years of Extensive programming experience in **User Interface/Front End Developer** in developing web-based applications and Client - Server technologies using **JavaScript, AJAX, AngularJS, HTML, ReactJs, XHTML / DHTML & XML.**
* Extensive experience in developing web page quickly and effectively using **jQuery, AngularJS, HTML5, CSS3, Responsive Web Design, Bootstrap and experience in making web pages cross browser compatible.**
* Experience in implementing Auto Complete/Auto Suggest functionality using **Ajax, jQuery, DHTML, Web Service call**and**JSON.**
* Experience in developing applications using with various **J2EE** technologies **JSP** Servlets, **JDBC**, **Java Beans**, **JNDI**, and **JMS Web Services**.
* Developed Java/J2EE based **multi-threaded**application, which is built on top of the **strut’s**framework.
* Worked on Web based applications and Client/Server applications using **C#, XML, HTML, XHTML, JavaScript, AJAX** and **CSS, Kendo UI, Adobe Photoshop**, etc.
* Experience in designing UI patterns and UI applications with the help of Adobe products like **Adobe Dreamweaver CS3, Adobe Photoshop CS3/CS4, Adobe Fireworks CS3 and Adobe Illustrator CS3.**
* Good understanding of Document Object Model (DOM) and **DOM** functions.
* Worked with **NodeJS, Grunt, and Bower** for setting up local server, running tasks and managing dependencies.
* Expertise in Core Java concepts including Collections, Exception Handling, Multi-Threading, dependency injection, Generics and Java I/O, Collections framework etc.
* Well experienced in debugging websites using **Firebug, Fiddler, Developer tools.**
* Experience in full **Software Development Life Cycle** (SDLC) that includes Analyzing, Designing, Coding, Testing, implementation & Production Support.
* Experience in resolving cross browser compatibility issues **(IE 7 & 8, chrome, Firefox and Safari)**
* Experience with working in **JavaScript** framework like **jQuery, Backbone and Angular.js.**
* Worked on   **Angular JS** features like Two Way Binding, Custom Directives, Controllers, Filters, Services and Project Architecture, **React. JS** features like Components, Lifecycle methods and unidirectional data flow using the Flux Architecture.
* Familiar in writing Custom Directives in   **Angular Js**, making use of modules and Filters objects according to the application requirement.
* Good knowledge in Styling and coding of CMS themes, email templates and practical knowledge of **SEO** in web design and development.
* Worked on **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.**
* Experience with User Acceptance Testing **(UAT)** and Accessibility Testing.
* Excellent experience in creating **Dynamic Wireframes, HTML Wireframes, Dynamic Screenshots and Sitemaps**.
* Experience in working with **CSS** preprocessor **LESS/SASS and Twitter Bootstrap**Styling Modules.
* Experience with **Firebug for Mozilla, Developer Toolbar for Chrome**and**IE Developer Toolbar for Internet Explorer.**
* Adapted **Model-View-Controller (MVC)** frameworks for developing web applications.
* Experience with Browser testing, knowledge of cross-browser/cross-platform compatibility.
* Passion for performance debugging and benchmarking and working with version control environment like **Git, Source tree**.
* Experience with versioning tools like **Clear case, Subversion** and **CVS**.
* Expertise in writing **SQL**, **PL/SQL**, Stored Procedures, Cursors, Triggers with MySQL, **MongoDB**, DB2, and **MS-SQL Server**.
* Strong experience on **SOAP, REST Web Services,** and **Application of HTTP** based **RESTful APIs**.
* Able to code pixel perfect webpage from **PSD**, compatible with all major browsers and major platforms.
* Experience in working with **HTML Controls, User Controls, Master Pages and Themes**.
* Experience in designing and presenting multiple concepts and iterations around **user interaction models**, workflows, **wireframes**, screen flows, **mockups** and prototypes.
* Experience in **quality assurance** and **unit testing, acceptance testing, and integration testing**.
* Experience in utilizing **Log4J** for logging messages like **Debug** and **Error**for better tracking of the application.
* Experience in writing Build Scripts using **Shell Scripts**, **ANT**, **MAVEN** and using CI (Continuation Integration)tools
* like **Continuum**, **Jenkins.**
* Have hands-on experience working with source control tools such as **CVS**, **Clear Case**, **SVN**, **GIT** and Surround **SCM.**

**ACADEMIC QUALIFICATION:**

* Bachelors in Computer Science – JNT University - Hyderabad, India – May 2014

**TECHNICAL SKILLS:**

**UI Web Technologies:**HTML, HTML 5, XHTML, DHTML, XSL, XML, XSLT, JavaScript, AJAX, SOAP, SASS, JSON, JSP, CSS, CSS3, UI Concept Modeling/Wire framing, GIMP

**JavaScript Lib:**jQuery, BackboneJS, NodeJS, AngularJS, ReactJs

**IDEs & Tools:**WebStorm, Visual Studio, Eclipse IDE, Sublime Text, Notepad++, Dreamweaver, NetBeans, Firebug, Chrome Developer Tools

**Version Control:**GitHub, CVS, SVN/Subversion, PVCS

**Operating Systems:**Windows NT, Windows 2000, Windows XP (Prof), Win 7, Win 8

**Database:**ORACLE 10g, SQL SERVER 7, MYSQL, MongoDB.

**Framework:**Ajax, DWR, EXTJS, Dojo, YUI, jQuery and GWT

**Methodologies:**Agile, Scrum, waterfall.

**PROFESSIONAL EXPERIENCE:**

**Client: Walmart – Bentonville - AR**

**Duration: Jan 2019 – Present**

**Role: Java UI Developer**

**Project Description:** This e-commerce Enhancement of intranet portal site. Using various J2EE technologies redesigned the intranet portal. This product is developed using Java with Spring MVC framework. GUI is designed using AngularJs, HTML 5, jQuery, Bootstrap, CSS and JSP for interacting with the server. It mainly involves application re-design and adding new functionalities to the new portal system.

**Roles & Responsibilities:**

* Participated in Software Development Life-Cycle SDLC preparing Requirement Specification documents, design documents, Test cases and Analysis, User Training documents and Technical Help documents.
* Designed and implemented the User Interface using Google's **Angular JS MVC**framework which means JavaScript, HTML, and CSS, **jQuery, Underscore JS**, JSP and **AJAX.**
* Implementing the design pattern of software AMD Asynchronous Module Definition using **Require JS** and in order to isolate the components of our JS applications as modules and resolve their dependencies.
* Participated with SQA team in bug thrashing sessions to discuss and resolve bugs that were reported in **JIRA**.
* Responsible for creating the screens with table less design following W3C standards.
* Worked with business analysts to understand their business models and goals.
* Used JSP, Servlets, and **HTML5** to create web interfaces. Developed Java Beans and used custom tag libraries for embedding dynamic into **JSP** pages.
* Hands on experience working on **Angular 4.0** services, modules and component directives.
* Integrating the front-end UI to the back end using **Spring MVC framework**.
* Used **Hibernate** as data mapping and persistence framework to implement data access abstraction.
* Used advanced level of **HTML5**, JavaScript**, CSS3** and pure CSS layouts table less layout.
* Involved in migrating from AngularJS to Angular 4.0 and built Angular components using typescript.
* Produced content pages with CSS3 layout and style markup presentations and also used JavaScript methods and properties.
* Used **AJAX**extensively to implement front end /user interface features in the application.
* Successfully implemented Auto Complete/Auto Suggest functionality using Ajax, jQuery, Web Service call and JSON.
* Developed a core component of Analytics with **Angular JS.**
* Designed and developed custom **jQuery** components for the front-end client-side validations.
* Developed dynamic e-mails using **JavaScript**, and hand coding of **HTML5** and **CSS3**.
* Use Eclipse as IDE tool to develop the application and **JIRA** for bug and issue tracking.
* Defined the site layout and developed Wireframes using **Adobe Illustrator**.
* Involved in development of individual Sprints with the help of **GitHub**.
* Developed new functions and strategies by contributing in **GIT** management
* Unit test all the frontend AngularJS code using **Karma.**
* Implemented End-to-End Integration test with **Protractor.**
* Implemented a **Grunt**build for the frontend, creating all the Grunt tasks needed for the build and pipeline.

**Environment:** Java, HTML 4/5, CSS 2/ 3, JavaScript, jQuery, AngularJS, Backbone.js, Node JS, Bootstrap, Ajax, JSON, XML, Java, JSP, JBOSS, Perforce, GIT, JIRA Protractor, Karma, D3.js, EXT JS, Adobe Creative Suite, Dreamweaver, Eclipse, Adobe Fireworks CS6, Oracle 10g, Mongo DB.

**Client: Bank of America – Charlotte - NC**

**Duration: July 2018 – Dec 2018**

**Role: Java UI Developer**

**Project Description:** This project is a component-based model and developed using J2EE technology. This project allows all the customers to enter orders and make queries through the Internet as well as to view and renew their premium policies. This site has provided the users, the flexibility to access information online. The entire GUI was developed using HTML and the business logic chipped into the Servlets.

**Roles & Responsibilities:**

* Followed **Scrum/Agile** for project implementation and involved in daily stand-up, Showcase and Retrospective meetings.
* Closely worked with business system analyst to understand the requirements to ensure that right set of **UI**modules are being built.
* Worked Closely with Designers to Understand and redesign the Package Customization and Service Locator Modules using **HTML 5, CSS3 and jQuery.**
* Created **HTML** pages from the PDF’s given by the **UX**and used **AngularJS**to retrieve data from the rest services.
* Designed and implemented the user interface using **HTML5, XHTML, XML, CSS3, JavaScript, and ReactJs, Knockout JS**.
* Developed the front-end featuring rich web interface implemented using JavaScript libraries like **jQuery, backbone.js,** and used **Mustache** tempting system.
* Used advanced level of **JQUERY, AJAX, JavaScript, CSS and pure CSS layouts.**
* Used **jQuery core library functions** for the logical implementation part at client side for all the applications.
* Worked on **responsiveness** of the application and explored the **fixed**width and **fluid** layouts using the **Twitter Bootstrap.**
* Designed web pages using with **HTML5/HTML, CSS3/CSS and jQuery, backbone.js** based on the W3C standard.
* Experience using **ReactJS**, **NodeJS** and **JavaScript** to provide UI functionality.
* Developed various screens for the front end using **ReactJS** and used various predefined components from **NPM** (Node Package Manager) and Redux library.
* Utilized CCPM and **Waterfall**project management strategies to provide required structure.
* Worked on various breakpoints within the application for optimum layout and functionalities on mobile, tablets and desktops.
* Used services, Asynchronous tasks and Alert Notification API to implement event reminder feature into the mobile app.
* Used **jQuery plug-ins** for **Widgets, Menus, User Interface and Forms.**
* Involved in developing **HTML**and JavaScript for client-side presentation and, data validation on the client side with in the forms.
* Used **ExtJS** with techniques like **AJAX, DHTML and DOM** scripting for building interactive web pages
* Worked with **Java**Technology as a backend and also worked with **Require JS**
* Designed **GUI using jQuery**and**ReactJs.**
* Used **Ajax**calls through **ReactJs** to populate the data tables on the front-end.
* Maintain, enhance, and recommend solutions that best suit business and technology needs from**UI** standpoint.
* Debug the application using **Firebug** to traverse the documents and manipulated the Nodes using **DOM and DOM** Functions.
* Wrote application level code to perform client-side validation using **jQuery** and **JavaScript.**
* Developed applications using **STS** and deployed in **WebLogic server**.

**Environment:** Java, HTML, CSS, Spring, AngularJS, Java, JavaScript, EXT JS, jQuery, Polymer.js, Backbone.js, Knockout JS, Adobe Photoshop, Bootstrap-Sass, jQuery, Windows XP, AJAX, JSON, ECLIPSE, MS Office, PL/SQL and SVN.

**Client: IMSHealth – Durham - NC**

**Duration: October 2017 – June 2018**

**Role: Java UI Developer**

**Project Description:** Work on claim management system, this system provides administrators with reports summarizing the information about the Sales, Service Plans etc. I have worked on maintenance releases as well as on development releases and improved the performance of the applications.

**Roles & Responsibilities:**

* Involved in theanalysis, design, and development and testing phases of Software Development Lifecycle (SDLC).
* Consumed **SOAP** & **REST** based web services to transfer information to the Sears server from List server.
* Used **Java Message Service (JMS)** for reliable and asynchronous exchange of important information, such as order status report, delivery report.
* Translate designs provided by **UI** creative design team into functional user interfaces, ensuring cross browser compatibility and performance.
* Interacting with the Managers and create/modify prototypes as per the business requirement.
* Creating and maintaining **UI**prototypes and specifications.
* Executed high quality web design for all the business's web properties under the direction of the Visual Design manager.
* Designed web pages using with **HTML, DHTML, XHTML, XSL, XSLT, jQuery, and CSS based on the W3C standards.**
* Worked to build efficient web applications using the **RESTful** web services.
* Designed the front-end applications, user interactive (UI) web pages in a professional manner with using web technologies like **HTML, XHTML, and CSS.**
* Coded pattern guidance and created user interface prototypes to demonstrate the interaction and user interaction specifications discussed in the guidance using **HTML, CSS** and **JavaScript** to deliver this functionality.
* Developer new custom JSP tags to generate corporate standard markup, and server-side framework components using **Java, Servlets, JSP**&**Struts**.
* Designed page illustrators with the help of **Adobe PhotoshopCS3.**
* Used advanced level of **HTML, XML, AJAX, JavaScript, CSS** and pure **CSS layouts**.
* Experience in **Adobe Photoshop, Dreamweaver**.
* Used **jQuery** to traverse through a **DOM** tree and manipulated the nodes in the tree.
* Involved in writing stored procedures, views, cursors and triggers using **SQL Server 2005**.
* Responsible for the (D3**) Design, Deploy and development** of the web applications.
* Wrote **PL/SQL** stored procedure to perform various operations on the database.
* Followed **TDD** and wrote unit test cases using JUnit.
* Used **XSLT** to transform my XML data structure into HTML pages.
* Monitored the error logs using **Log4J** and fixing the problems.

**Environment:** Java, Adobe Photoshop CS3, CS4, Dreamweaver CS3, CS4, CSS 2, CSS 3, HTML, HTML 5, DHTML, XHTML, JavaScript, ASP, Java, JSP, SQL Server 2005, Apache servers and MySQL.

**Client: Marist Health Quest**

**August 2016 – Sep 2017**

**Role: UI Programmer**

**Project Description**: Marist Health Quest School of Medicine Group Incorporated is a health and well-being company. In this project, the main purpose was to build a User Interface for Professors doctors/students to login into Marist account, manage their account information and track the daily assignments.  
  **Roles & Responsibilities:**

* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **JavaScript, jQuery, CSS, and HTML.**
* Designer of an integration environment for building, deploying, following of scrum histories and reporting of quality code using **Jenkins, GIT,** **Pivotal Monitor.**
* Used various report items like charts, **Excel type, Barcode reports** etc. to develop the reports in **Telerik** and embedded these reports into our application.
* Used **PHP** to create and consume **web** **services (SOAP, XML-RPC)** and implemented data integrations within the platform.
* Migrating some of the applications from **AngularJS** 1 to **Angular 2** and componentize the code as per the Angular recommendations for better testability
* Used **Jenkins** for Continuous Integration and deployment into Tomcat Application Server.
* Built the **Responsive UI screen** for create customer process, create bill to and ship to screens, customer search results page, and customer dashboard page using **Bootstrap.**
* Worked one-on-one with client to develop layout, color scheme and layout for the website and implemented it into a final interface design with the **HTML5/Bootstrap & Typescript.**
* Worked on **Angular 2.0** by consuming **RESTful web services** & Used **Angular 2.0** forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Used customized services and directives in AngularJS to develop dynamic and responsive webpages.
* Involved in write application level code to interact with **APIs, Web Services using AJAX, JSON and XML.**
* Developed Custom Tag Libraries for the use in web pages by using JSTL packages for the development of the Web Pages.
* Deep understanding of **JavaScript** and the **jQuery** framework.
* Created and optimized graphic prototype websites and applications interfaces using HTML and CSS.
* Involved in close UI/Server Integration using rest calls for grid related **get/save calls**.
* Developed new user interface components for different modules using **Kendo UI.**
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Worked extensively on Spring MVC framework to develop new internal web application.
* Created Responsive Designs (**Mobile/Tablet/Desktop**) using HTML & CSS, Bootstrap.
* Experience in application development as per **Accessibility standards** like talkback, voice over.

**Environment**: HTML, CSS, Telerik, JavaScript, Jenkins, Kendo, jQuery, AngularJS AJAX, Synergy, JSON, XML, ECLIPSE, SVN, Linux, Apache, ActiveMQ, PHP, and MySQL, Photoshop, Visual Design, Adobe Creative Cloud, Graphic Design.

**CSC PVT LTD – Hyderabad - India**

**Jan 2016 – July 2016**

**Role: UI Developer/UX Designer**

**Project Description:** Worked as a Senior User Interface engineer for the Advance Security team. In this project we implemented advanced security for the UI/Angular Js/HTML Applications (Company, Party, Payroll, User access). Company application maintains employers, workers, contractors, user’s information. Payroll application maintains payroll information of different Paychex clients. User access is the key centralized application for accessing other apps based on user roles such as custom role.

**Roles & Responsibilities**:

* Developed Web Application front end using **HTML5, CSS3, JavaScript, jQuery** and **Angular JS.**
* Used **Ag-Grid for grid view**, UI-Select for custom dropdowns and controls
* Migrated the existing **jQuery**-based web application to **Angular**.
* Responsible for creating applications using W3C standards where we had a mission- **Web Accessibility Initiative (WAI)**
* Design, Accessibility **(Section 508 Compliance)** and performing Usability/Design reviews to determine whether or not the sites conform to agency design standards as published in our style guide
* Integrated Spring with **Hibernate for persistence with database**
* Created various UI screens with in branding guidelines, Worked on transformation of design and interaction ideas into wireframes.
* Designed and documented user interface functionality in **wireframe and writing**.
* Followed **Agile Software** **Development** Methodology in the progress of the project.
* Worked with team to define UI framework for visualizations and Strategic UX Conceptualizations.
* Used **React flux** to polish the data and for single directional flow.
* Extensively involved design discussions and user experience sessions to provide inputs on the layout and **UX.**
* Extensively **used React JS, Node JS, Backbone JS, Angular JS, JavaScript, Typescript** and jQuery to provide UI functionality
* Involved in design of Class, Sequence & Event Diagrams as part of Documentation.
* Worked with a team for implementing strategic, tactical and creative solutions.
* Designed and developed the application to be responsive for desktop, mobile and tablets using **Twitter Bootstrap (HTML5, CSS, JavaScript, and AngularJS).**
* Developed user interface by using **the React JS, Flux for SPA** development.
* Developed **Grid** using Angular Kendo **UI-grid** and added several features such as Pagination, Pinning and exporting functionalities to the UI grid.
* Used **React-Autocomplete** for creating google maps location search on the webpage.
* Wrote code to implement **AJAX** based applications be fetching the response from backend API as a part of **JSON**.
* Developed user interface by using Implemented various screens for the front end using React.js and used various predefined components from **NPM (Node Package Manager)** and redux library using **React JS, Flux for SPA development**.
* Implement modules into **node Js** to integrate with designs and requirements
* Attended day-to- day meeting, status meeting, and strong reporting developed the unit testing scripts using Jasmine for testing the JavaScript code and automation of the tasks with **Grunt/Gulp.**
* Used **Node.js** for server-side code and Express.js as the framework. Written callback functions for the **RESTful API.**
* Used services to read data from remote server using **React.JS**
* Involved in building stable **React components** and stand-alone functions to be added to any future pages Used karma test runner and Jasmine for JavaScript **unit testing**
* Maintained Cross Browser compatibility & implement Responsive Design using **Twitter** **Bootstrap**, **custom media queries**, etc.
* Developing the sites for online trading using **E-Commerce** such as Electronic Data Exchange.
* Implemented responsive **React** components for different resolutions.
* Successfully performed the RESTful APIs Integration using **XML and JSON.**
* We have followed with Agile and scrum development methodologies
* Wrote the controller in **Spring** **MVC** which delegates the request from front end to the delegator layer and to make calls with backend systems.
* Created Gateway for inbound and outbound traffic such as **web services (SOAP, REST)** including mutual authentication.

**Environment:** HTML/HTML 5, CSS, JavaScript, jQuery, JSP, AJAX, JSON, XML, AngularJS, Dreamweaver CS5, SVN, Axure, React JS, Dreamweaver, Photoshop, Fireworks, Visio, Node JS, Wire Frame Works.

**Genpact – Hyderabad - India**

**Jan 2014 – Dec 2015**

**Jr. Java/Web Developer**

**Responsibilities:**

* Responsible for gathering new Business Requirements of the system from client.
* Followed **Waterfall methodology** to plan and monitor projects
* Designed UI Screens using **Servlets**, **JavaScript**, **CSS3**, **JSON**, **jQuery**, **Ajax**, **DHTML**, **XSL**, **XHTML** and **HTML**.
* Data was converted into **JSON** using **JSP** tags
* Written JavaScript for validation of page data in the **JSP** pages.
* Extensively used **Spring** **IOC**, **Hibernate**, Core Java such as **Multi-Threading**, **Exceptions**, **Collections**, etc. in application. Designed, developed and maintained the data layer using the **ORM** framework in **Hibernate**. Involved in Analysis, Design, Development, and Production of the Application and develop **UML** diagrams
* Worked on **Restful web services** which enforced a stateless client server and support **JSON** (few changes from **SOAP** to **RESTFUL** Technology) Involved in detailed analysis based on the requirement documents.
* Created **Restful Web service** for updating customer data from sent from external systems.
* Implemented **Hibernate** to map all the tables from different data sources to make database updating.
* Responsibilities involved developing of Action Classes, Form **Beans** and **JSPs**.
* Created development environment in Eclipse using **Flex**, **WebLogic** server.
* Implemented serial communication between **Manager** and **EMS** agent
* Involved in writing shell script to export oracle table's data into flat files and performed unit testing using **JUNIT** and used **Log4j** for logging and automatic batch jobs.
* Created new **Action Classes** corresponding to the new **Action Forms** created.
* Involved in the preparation of use case, sequence diagrams, class diagrams, activity diagrams etc. using **Rational Rose.** Involved in developing reusable core libraries using core java Classes and Interfaces.

**Environment:** JDK 1.6, CSS 3, AJAX, HTML, JavaScript, jQuery, JSON, XML, JSP, XSL, JUnit 3.8, Servlets, Maven, Log4j 1.2, Web Services (JAX-WS), JAXB, WebSphere Application Server, Rational Rose.