**Rachana**

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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, Knockout.js, 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.
* Used **Angular 2/4** for directives used for validations for the input fields of the forms with the data existed in the database.
* Worked with Http protocols by using **Angular 2/4** components to build Restful services.
* 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 on creating services with **Angular 4** @injectable property, as to make the service available for dependency injection when creating components.
* Worked on **Angular 2/4/5 components**, UI services to consume rest services using Component based architecture provided by **Angular 2**.
* Experience in working with **Angular 2/4/5 Components**, Directives, Pipes, Services and Modules using Type Script as Programming Language.
* 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.**
* 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**.
* 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**.
* Strong perseverance and diligence towards **attaining challenging goals**and possess **good communication skills** and **quick learning ability.**
* Experience in utilizing **Log4J** for logging messages like **Debug** and **Error**for better tracking of the application.
* Responsible for Automating Application **testing**, used Selenium, Cucumber, Jasmine, Karma, Protractor
* Experience in writing Build Scripts using **Shell Scripts**, **ANT**, **MAVEN** and using CI (Continuation Integration)toolslike **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 - Kakinada, India.
* Masters in Computer Science-Northwestern University, CA.

**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: Charter Communications - St. Louis, MO**

**April 2018 – Present**

**Role:** **Java UI Developer**

**Roles & Responsibilities:**

* Constantly participated in Idealization meetings to share ideas.
* Used Bootstrap library to quickly build project UI’s and used **AngularJS** framework to associate **HTML**elements to models.
* Extensive experience on using Angular directives, working on attribute level, element level and class level directives to perform **DOM** manipulations.
* Utilized modular structure within the **Angular JS**application in which different functionalities within the application were divided into different modules.
* Involved in implementing all components of the application including database tables, server-side Programming (JSP Templates) and client-side web programming.
* Involved in writing application level code to interact with **Restful Web APIs, Web Services** using **AJAX, JSON, XML and jQuery**.
* Used **AngularJS** framework to bind **HTML**5(views) to JavaScript objects (models).
* Worked with QA team on daily basis in fixing the reported bugs/defects and checking cross platform compatibility.
* Worked closely with product, **UX** and business team to build applications & reach business goals through front end development and UX.
* Developed application using MVC Framework**backbone.js, Node JS, React.JS, AngularJS and Bootstrap**.
* Implemented the UI using **EXTJS**and graphs for stats using the **EXTJS**graphing components.
* Extensively used **jQuery, backbone.js, d3JS, bootstrap, JSON, AJAX** and **DOM** scripting to create interactive web applications like message posting and auto complete form for secured validations.
* Maintained the business standards and the requirements and deployed them on secured **WebLogic Server**.
* Used **Angular 4** for building web applications and apps in JavaScript, html, and TypeScript, which is a superset of JavaScript.
* Worked with **Angular 2/4 routing**, Lazy loading and React (JSX) Forms to develop the client-side application.
* Used **Redux** as a state management tool with React and JavaScript library for accessing each component in any state that it needed.
* Used **Solr** to retrieve the information from your database without having to understand all of the ins and outs of Lucene itself.
* Involved in the analysis, design, and development and testing phases of application using AGILE SCRUM methodology.
* Experience in working with **Redux** architecture. Created different components using **React** to render an element.
* Created Cross-Browser compatible and standards-compliant **CSS**-base page layouts.
* Designed table-less layouts using **CSS3** and appropriate **HTML5**tags as per W3C standards.
* Created optimized graphic websites and application interfaces **using HTML5 and CSS3.**
* Used **jQuery** to traverse through a **DOM** tree and manipulated the nodes in the tree.
* Handled all aspects of the web applications including maintaining, testing, debugging and deploying.
* Involved in all stages of Software Development Life Cycle of workflow and support using **AGILE Methodology**.
* Utilized **Waterfall**and **Agile** project management strategies, depending on client need.
* Evaluate **JSON**from the server and making **Ajax**requests **using XHR object and handling JSON objects**.
* Extensively used **Firebug/web kit** inspector to debug **UI** code and handle different browser **CSS** issues.
* Prepared Unit test case using **JUnit** and used Jenkins for continuous integration testing.
* Worked on scripts and Retention programs with **SQL,** Used **Mongo Db.**
* Handled **Apache Solr** for distributed indexing, replication, load-balanced querying, and automated failover and recovery.
* 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.**
* Used **Angular cli** to create components, services, pipes, directives and also for building, serving, testing.
* 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, React.JS, Angular2/4, 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: Compass Group - Charlotte, NC**

**July 2017 – March 2018**

**Role: UI/Web Developer**

**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.
* Used **Angular 2** framework for building web-apps and Restful services.
* Implemented **AJAX** functionality using **JQUERY**, **JSON** and **XML**. Extensively used jQuery selectors in accessing various parts of the DOM. Built Web pages that are more user-interactive using **AJAX**, **JavaScript**, and **Angular2**.
* Created Single Page Application with the help of Angular 2 Router Module and used template routing for bread crumb.
* 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 Angular JS, Knockout JS**.
* Developed the front-end featuring rich web interface implemented using JavaScript libraries like **jQuery, backbone.js,** and used **Mustache** tempting system.
* Used **Angular 5** for supporting incremental compilation that helps in faster re-builds of applications, mainly for compilations and production builds with AOT.
* 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.
* Used **D3.js** for interactive data visualization.
* Worked on **responsiveness** of the application and explored the **fixed**width and **fluid** layouts using the **Twitter Bootstrap.**
* Used **Angular 5** to connect the web application to **back-end APIs**, used **RESTFUL** methods to interact with several API's, and wrote custom directives for a responsive, CSS-animated user interface.
* Developed Custom Pipes, Directives, Services and Modules in **Angular 5** Applications.
* Designed web pages using with **HTML5/HTML, CSS3/CSS and jQuery, backbone.js** based on the W3C standard.
* Developed and improved application using MVC Framework **Spring, backbone.js, Node JS, React.JS, AngularJS** and **Bootstrap.**
* Utilized CCPM and **Waterfall**project management strategies to provide required structure.
* Worked on various breakpoints within the application for optimum layout and functionalities , 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**Angular JS.**
* Used **Ajax**calls through **AngularJS**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, Angular2/5, 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: Actelion Pharmaceutical Sciences – South SFO, CA**

**Jan 2016 – June 2017**

**Role: UI Developer**

**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**.
* Apply industry best practices and standards when project requirements are lacking.
* Creating cross-browser compatible and standards-compliant CSS-based page layouts.
* Developing semantic markups and Wireframe development.
* 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.
* Responsible for the entire web application / system / database design, deploy and maintenance.
* Coordinated with the quality group for testing activities and Production Support team to resolve the solution.
* 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: NTPC LTD - Visakhapatnam - India**

**June 2012 – May 2015**

**Role: Jr. Java Developer**

**Roles & Responsibilities:**

* Involved in design, implementation and testing.
* **Spring** **Dependency** **Injection (IOC)** feature was used for Bean wiring.
* Developing of case diagrams, Activity flow diagrams, Class diagrams and Object diagrams in the design phase using **Rational Rose**.
* Involved in development of User Interface using HTML5, CSS/CSS3, JavaScript, jQuery and JSON.
* Used **spring** framework to implement the **MVC design pattern**.
* Used **hibernate** to map the domain elements and Criteria API, named query for querying.
* Hibernate has been used as the ORM framework to persist the data and Hibernate xml mapping has been used to map the java objects to Database tables.
* Developed the **REST** web service using **Spring IOC** to provide user a way to run the job and generate daily status report on loans
* Implemented business logic in **Middle Tier** using **pluggable components**, which were specified in the customized xml documents using **Spring** framework.
* Developed **ORM** persistence layer using **JPA**, Hibernate framework**.**
* Worked on advancedHibernate associations with multiple levels of Caching, lazy loading.
* Extensively involved in developing and consuming **Restful** webservices using **JAX-RS.**
* Wrote complex SQL query to pull data from different tables to build the report.
* Developed the web application by integrating **JSF** **ICE faces**, **Rich faces, Spring** Framework and **JMS**.
* Developing GUI Screens using **JSF** (IBM Implementation) and **AJAX4JSF** for Ajax functionality.
* For reliable and asynchronous communication **Java Messaging Services** (**JMS**) has been used.
* Implemented **JMS** listeners and connection factory via **MDB**.
* Used **SOAP** for implementing **Web Services**.
* **SOAP UI** was used for load testing the Web Services.
* Created **Hibernate POJOs, Hibernate mapping files** for all database tables.
* **Hibernate** **Stored Procedures** are used for Relational mapping.
* Implemented **WSDL** file for Web Services using **Axis2**.
* Used **XSD** for business logic and **XML** parsing for inputs/outputs from Web Services.
* Database objects lik**e Triggers, Stored Procedures** are writtenin **SQL** and made modifications to existing database structure as required per addition of new features using Sybase Database
* Implemented **Spring transaction management** for some database transactions.
* Developed **JUnit** test cases for all the developed modules.
* Built and deployed the application using **Maven**.
* Used **log4j** to capture the log that includes runtime exceptions and debug information.
* Maintained source code versions using **CVS**.
* **WebSphere** **Application server** is used to deploy the application.

**Environment:** JDK 1.6, JSF ICE faces 1.8, EJB, Spring 3.0, Hibernate 3.0, JMS, Sybase, AJAX, IBM DB2 9.7, SQL, XML, IBM WebSphere App Server 6.1, Web Services, HTML 5, WSDL, SOAP, Log4j, Maven, Eclipse Indigo, CVS.