# **Manasa**

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## **Professional Summary:**

* Over 6+ years of professional IT experience in all phases of software development life cycle including requirements Analysis and Debugging, Applications Design, Development, Integration, Maintenance, Installation, Testing of various client/server, N-tier and web applications.
* Expertise in web and mobile/tablet UI development with experience in developing hybrid mobile applications using HTML5, JavaScript and other JS frameworks.
* Expertise in Client Scripting language and server side scripting languages like HTML5, CSS3, JavaScript with ECMA6 features, TypeScript, jQuery, JSON, Bootstrap, AngularJS1-5, ReactJS, Redux, Backbone.js, Express, Node.js.
* Worked using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used React-Router to turn application into Single Page Application.
* Experience with Gulp/Grunt task runner and combined with Node, Bower package manager to install JavaScript latest version of libraries.
* Experience in developing Graphic User Interface (GUI) to display report data using D3.js with Cross-browser compatibility and Web application scaling.
* Experienced in collaborating with Design team/UX team/ business steak-holder to understand and translate the requirement into web applications.
* Extensive experience on implementing the AJAX with rich features like deferred, promises, pipe and callback functions.
* Experience with J2EE Application Servers like IBM WebSphere, BEA Web logic, JBoss and Tomcat.
* Experience in creating user interface widgets using jQuery, Bootstrap and AngularJS.
* Rich experience with development using AngularJS extensive features for loading views in a Single Page Application, MVC structure for JavaScript files, data-binding using AngularJS directives and also building custom directives.
* Experience in the developing applications for different platforms like web browser, iOS, Android, and Chrome OS.
* Involved in web application development projects that required Responsive Web Design using flex box features of CSS3.
* Experience working with Twitter Bootstrap Framework, .Net MVC Framework.
* Worked with AGILE Methodology in recent projects and participated in SCRUM meetings as well in previous projects.
* Proven track record in developing reusable code, cleaner code structure, and understanding of the JS features to ensure data availability to the front-end.
* Solid background in Core Java concepts like Exception handling, Multi-threading, Synchronization, Serialization, IO, Collections framework, Java Beans, Executor Services, Thread pools.
* Extensive experience using JSF, Servlets, JSP, JDBC, JMS, JSTL and JNDI.
* Experience using HP ALM and JIRA for defect tracking.
* Excellent communication skills to discuss the projects with technical and non-technical SME's and during the sprint meetings for Agile as well as Scrum development methodology.

**TECHNICAL SKILLS:**

* HTML5, CSS3
* Responsive Design, Interaction Design (IXD)
* JavaScript: Angular | jQuery | JSON | VueJS
* User Interface Design (UI) , User Experience Design (UX)
* IDE: Atom | Adobe Cloud | Visual Studio | IntelliJ
* Methodologies: Agile, Scrum, RUP, TDD, OOAD, SDLC
* Operating Systems**:** Windows 8/ 7/ XP/ 2000/NT/98/95, Linux, MS-DOS, UNIX
* Version Control: CVS, SVN, Rational ClearCase, ClearQuest
* Build Tools: ANT, Maven

**INSTITUTIONAL CREDENTIALS:**

* Bachelor’s in computer science at Vignan’s University, Guntur, AP, India.
* Master’s in Computer Science at Rivier University, Nashua NH, USA.

**PROFESSIONAL EXPERIENCE:**

**CLIENT: Guide One, Des Moines, IA Mar’2017 – Till Date**

**ROLE: Sr. Frontend Developer**

**Responsibilities:**

* Re-architected, and enhanced an existing Angular.JS application to follow strict MVVM/MVC patterns for improved source code maintenance, 40% code reduction, ease of upgrade, scalability, ease of developer spin up, enhanced performance and offline with client caching.
* Developed an Angular.JS workflow manager leveraging Angular-UI's state router for flexible configuration and management of multi-step user input flows.
* Leveraged Angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Developed data insertion forms and validated them using JavaScript.
* Developed a single page, UI -first, cross-device/cross-browser web application for real-time location sharing utilizing Angular.JS, JavaScript API.
* Responsible for writing and implementation of JavaScript, AJAX and JQuery to interact with web Services and user controls.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation.
* Developed a multi-user web application using JSP, JSTL, Action Forms, Action Classes, Javascript and JDBC to provide the needed functionality.
* Developed web pages using HTML/CSS and Javascript.
* Used React.JS for creating reusable UI components.
* Created Node.JS middleware application server to encapsulate modern JS widget framework.
* Developed internal application using Angular.JS and Node.JS connecting to Oracle on the backend.
* Used JavaScript for developing UI Components like Editable drop down, data-driven menu customizations.
* Used Bootstrap and Angular UI Bootstrap for creating rich, Responsive UI Screens for varying screen sizes and devices.
* Worked with Responsive Web design using Bootstrap.JS.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using React.JS.
* Fetched data from mongo DB using Mongoose of Node.JS.
* Used Test Driven Development (TDD) as part of Agile process.
* Responsible for cluster maintenance, adding and removing cluster nodes, cluster monitoring and troubleshooting, manage and review data backups, manage and review Hadoop log files.
* Used GIT repository for software configuration management and version control.
* Designed and modified User Interfaces using Javascript, and CSS.
* Creation of REST Web Services framework for the management of data using Apache CXF.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using Node.JS.
* Created various UI components for different web pages using HTML, and Javascript.
* Used Agile methodology for design and development of project.
* Backend testing and development of the DB by writing scripts to test the integrity of the application NoSQL/Hadoop databases.
* Experience in working with the HBase as a NoSQL DB in the MapReduce framework.
* Involved in writing Maven scripts for merging jar files into existing repository.
* Wrote test cases using jasmine.
* Used GitHub for source control management.
* Developed Integration test cases using Protractor to test the web application using Mocha.
* Created distributed Oracle coherence domains, configuration and system design based on oracle coherence.
* Developed SQL and PL/ SQL scripts for transfer of data between databases. Developed complex SQL queries for reports.
* Designed and developed application screens using Swing, HTML, JSP, Node.JS, Angular.JS, and CSS.
* Worked on creation of MongoDB databases, collections and deploying JavaScript's using mongo shell.
* Developed XSD for validation of XML request coming in from Web Service.
* Bulk loading of the data into Cassandra cluster using Java API's.
* Performed J2EE application deployment using JBoss application server on Windows and Linux.

**Environment:** : JavaScript, Node.JS, Angular.JS, Bootstrap.JS, Backbone.JS, React.JS, CSS, HTML5, Agile, GIT, Oracle, Hadoop, NoSQL, PL/ SQL, JDBC, Cassandra, REST, Eclipse, Weblogic, GITHUB, Protractor, Jasmine, MAVEN.

**CLIENT: Citizens Bank, Providence, RI Jan’ 2016 – Feb’ 2017**

**ROLE: Sr. UI Developer**

**Responsibilities:**

* Developed user specific Highlights (dashboard menu) section, Home page, Admin home page, user module (Modify/search users, create Users screens with assigning various roles) using Spring MVC framework, Hibernate ORM Module, Spring Core Module, XML, JSP and XSLT.
* Developed web Components using JSP, Servlets and Server-side components using EJB under J2EE Environment.
* With the IBatis implementation, all the queries were separated away from the code and moved to the XML files. Used Spring IBatis XML configuration files to call the queries.
* Implemented MVC architecture using Jakarta Struts framework, Worked on Spring/Hibernate Applications
* Developed Java and EJB in Mainframe DB2 environment.
* Developed the UI panels using JSF, XHTML, CSS, DOJO and JQuery.
* Involved in the development of presentation layer and GUI framework using EXTJS and HTML. Client-Side validations were done using JavaScript.
* Implemented Coherence Cache which can be used with Spring Annotations.
* Written Web services using Apache Axis2 and generated the WSDL.
* Developed Web Services using WSDL and XML.
* Automate test cases using the built-in framework in Selenium Web Driver using Net beans IDE
* Used JBoss application server to deploy application into Production environment.
* Used Ant for developing build scripts and deploying the application onto WebLogic.
* Used WebServices for creating rate summary and used WSDL and SOAP messages for getting insurance plans from different module and used XML parsers for data retrieval.
* Developed framework using Java, BIRT Runtime, iText, MySQL and web server technologies.
* Create and maintain Amazon EC2 instance that supports the companies Redmine project management site and Mercurial CM.
* Worked on JDBC to select and update the data from the MySQL database
* Used TOAD for all database query testing and optimizations
* Migrated data from legacy system (text-based files, Excel spreadsheets, and Access) to SQL Server databases using SQL Server Integration Services (SSIS).
* Involved in creating UI components using CSS, DOJO and JQuery.
* Developed additional UI Components using JSF and implemented an asynchronous, AJAX (JQuery) based rich client to improve customer experience.
* Created ClearCase VOBs and setup triggers and backups for a new project. Wrote roll out procedures and plans. Environment was mixed Windows and AIX, projects written in C++.
* Selenium-Sikuli Integration for Distributed Remote Execution
* Designing the flow of the project using Water Fall Model.
* Optimized UML design using patterns like DAO, Factory, Service Locator and Business Delegate
* Developed user interface using JSP, AJAX, JSP Tag libraries and Struts Tag Libraries to simplify the complexities of the application.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework.
* Integrated EMC Documentum with Content Management Interoperability Services (CMIS) for Content Management.
* Primary UI developer for Google Web Toolkit (GWT)-based VDI-in-a-Box management console
* Usage of version control repository SVN (Subversion by apache), JIRA/ Quality Center for ticketing, Wiki for documentation, Jenkins for nightly build.

**Environment:** Java, JEE, Java Script, Jquery, Ajax, HTML5, CSS3, Spring, iBatis, Struts, JSF, EJB, JQuery, MySQL, TOAD, SQL Server, DB2, Apache AXIS2, WSDL, Netbeans, JBOSS, Mercurial, ClearCase, Selenium, Water Fall Model, UML, JSP, Servlet, ANT, XML, EMC Documentum, JIRA

**CLIENT: Bed Bath & Beyond, NJ** **Jan’2014 – DEC ‘2015**

**ROLE: UI Developer/Frontend Developer**

**Responsibilities:**

* Implemented project using Agile SCRUM methodology. Involved in daily stand up meetings, sprint showcase and sprint retrospective.
* Worked with business system analyst and product team to understand the requirements to know that right set of UI modules been built.
* Involved in designing the user experience interface UI /UX strategy, UI requirements, converting findings into UI designs.
* Worked on the REST/Web API to create the services and tested on postman and used in AngularJS $HTTP service calls and bind the data in the table using \*ngFor attributes.
* Experience on Integrating Data API from Back-end to Front-end.
* Built web pages that are more user-interactive using jQuery plug-in for Drag and Drop, AutoComplete, AJAX, JSON, Angular JS, and JavaScript, Bootstrap.
* Used GIT for version control and JIRA for defect tracking.
* Used Node.js for server side code and Express.js as the framework. Written callback functions for the Restful API.
* Designed dynamic client-side JavaScript, codes to build web forms and simulate process for web application, page navigation and form validation.
* Experience in CSS pixel-level layout, Consistency with browsers, Version and Platform Independence.
* Created pages for login using single sign on, main page containing favorites and page for continuous integration configuration.
* Worked with CSS3 and bootstrap to create responsive web designs for multiple departments/pages.
* Implemented the search functionality for Internal Application using AngularJS.
* Used Karma as tool and Mocha as framework for testing the written code by writing the test cases.
* Experienced in building cross browser compatibility applications using HTML5, CSS3, Bootstrap/Foundation, and SaaS. Extensively used CSS and Bootstrap for styling the HTML element.
* Used latest web technologies ECMAScript 6, Angular4/5, Babel, Node and Web-Pack.

**Environment:** HTML5, CSS3, Node.js, jQuery, JavaScript, AJAX, Angular4/5

**CLIENT: United Health Group, Bengaluru, India Sep’2011 – Aug’2013**

**ROLE: Frontend Developer**

**Responsibilities:**

* Worked with HTML, CSS, JavaScript, jQuery, DOM to write components, services, styles and unit test cases.
* Involved in Requirements phase of SDLC to gather the requirements from business users, maintaining, enhancing and suggesting solutions to the UI team to assist the changing requirements.
* Used jQuery for complex DOM manipulation and selection to create custom directives, angular components, controllers and services.
* Used Promises to handle asynchronous with Rest API.
* Used Bootstrap, OOP web development for responsive web design.
* Experienced in building web UI using HTML, CSS, DOM, jQuery, JavaScript that are browser compatible.
* Responsible for making pages dynamic utilizing the AJAX, JSON, XML.
* Responsible to manipulate HTML and CSS in jQuery.
* Used PL/SQL to create, update and manipulate tables.
* Developed we-based UI using Struts framework.
* Involved in creating page layouts, custom links, related, lists and other components on the web pages.
* Experience in MVC framework using Angular JS custom directives, controllers, services, model and factories.
* Experience in developing Single Page Application (SPA) using Angular JS.
* Used Firebug as a debugging tool.
* Experience in testing the functionality and compatibility of the application in multiple browsers like Chrome, IE, Safari, Firefox, Opera.
* Well- versed with the Software development Lifecycle (SDLC) all its phases.
* Created SQL queries to perform insert, update and delete operations on MySQL database.

**Environment:** HTML, CSS, JavaScript, jQuery, DOM, Bootstrap, OOP, AJAX, JSON, XML, PL/SQL, Struts, MVC, Angular JS, Firebug, MySQL database.