**Ankam Rao**

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**PROFESSIONAL SUMMARY**

* Over 7+ years of experience in software development includes Analysis, Design and Development of quality software for Web-Based applications and standalone applications using **Java** technologies and Software Development Methodologies.
* Professional understanding of various phases in **System development life cycle** (SDLC) such as Requirement gathering, Analysis, Design, Development and Testing.
* Experience in using Software development methodologies such as **Agile** and **Waterfall**.
* Strong in developing front-end applications using **HTML5, CSS3, JavaScript, JQuery, LESS, Bootstrap, XML, XSL, XSLT, AngularJS, Angular 2, BackboneJS, RequireJS, ExpressJS, ReactJS,** and **Node.js.**
* Very good experience in **Document Object Model (DOM)** and have a strong understanding of DOM Functions.
* Good experience in User Interface(UI) driven application design and development using **JavaScript** and **jQuery** frameworks.
* Experience in developing Web-centric applications using **XML, AngularJS, JavaScript, JQuery, CSS, Photoshop** and **Dreamweaver.**
* Proficient with **CSS** preprocessors including **LESS**, **SASS**, and **SCSS**.
* Good working experience with **AngularJS** (data binding, Custom Directives, Expressions, **Single Page Applications** and Third-party modules).
* Experience in using **RequireJS** to optimize in-browser use and to load the module and to improve the Speed.
* Experience in creating responsive webpages using custom **CSS grid system**, **media queries**, **Twitter Bootstrap**.
* Good working knowledge in creating the components and directives in **Angular 2** with Typescript.
* Hands on experience in developing **SOAP, WSDL** and **Restful** Web services.
* Knowledge in creating interactive design deliverables such as Wireframes, Site maps, prototypes and **UX Design** techniques and other artifacts to describe the intended user experience.
* Integrate with various databases for retrieving data using **AJAX, XML**, and **JSON** and styling XML using **XSL**.
* Working knowledge on **Adobe Experience Manager** (AEM/CQ5) and CMS.
* Experience in installing and configuring **MySQL, ORACLE** and **MongoDB** servers.
* Experience in coding and debugging applications using debug tool such as **Firebug**, **IE Tester** and **chrome inspector**.
* Extensive experience in developing web applications with open source frameworks like **JSF, Struts** and server-side scripting using **JSP.**
* Developed applications in different IDE’s like **NetBeans, Eclipse, Sublime Text, Brackets, Dreamweaver, Edit Plus** and **Notepad++**.
* Good Knowledge in Implementing **MVC** design pattern using Strutsand Spring Framework with various **Java/J2EE** design patterns.
* Experience in working with back-end technologies **Java**.
* Experience in application development and deployment in **Apache Tomcat, IBM Web Sphere** and **BEA WebLogic** Application servers.
* Responsible for checking **cross browser compatibility** and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google chrome.
* Hands on experience with build tools like **ANT**, **Maven** and logging tools like **Log4J**.
* Professional in creating Templates, Mockups Web Interfaces, Layouts, and Flow of Future Pages.
* Experience in Build and deployment automation through tools like **Jenkins**.
* Hands on Experience with version control tools like **SVN** and **GitHub**.
* Experience in using JavaScript testing framework **Jasmine** and **Karma** for unit testing, **Protractor** for end-to-end testing and **Selenium** for automation testing.
* Experience on using **HP-ALM** and **Jira** for defect management.
* Excellent analytical and logical programming skills with a good understanding at the conceptual level and possess excellent presentation, interpersonal skills with a strong desire to achieve specified goals.

**Technical Skills:**

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| **Web technologies** | HTML, HTML5, XHTML, XML, XSLT, JavaScript, AJAX, jQuery, JSON, JSP, CSS3, DOM, SASS, LESS. |
| **JavaScript Libraries** | JQuery, AngularJS, BackboneJS, Angular 2, Node.js, RequireJS, ReactJS, Bootstrap, ExpressJS. |
| **Language** | C, C++, Java. |
| **J2EE Technologies** | JDBC, Servlets, EJB, JSP. |
| **Web Services** | SOAP(WSDL), REST |
| **Web/App Servers** | Apache Tomcat, HTTP Web Server, Web Logic, IBM Web Sphere. |
| **IDE** | Eclipse, Net Beans, Brackets, Notepad++, Dreamweaver, Sublime Text, Edit Plus. |
| **Database** | MongoDB, SQL Server, Oracle. |
| **Build Tools** | Ant, Maven |
| **Operating systems** | Windows, Mac OS, Linux. |
| **Workflow & Delivery** | Responsive Web Design, Mobile Development, Single Page App,  Cross Browser Compatibility. |
| **Source & version control** | GitHub, Git, CVS, SVN. |
| **Project Management Tools** | HP Quality Center/ALM, JIRA. |
| **Tools and Utilities** | MS Office, Jenkins, MySQL Workbench (database tool), Firebug. |
| **Web Designing Tools** | Adobe Dreamweaver CS5, Adobe Photoshop CS6, Adobe Illustrator. |
| **Browsers** | Chrome, Internet Explorer, Firefox, Safari, HTML UnitDriver. |
| **Testing Frameworks** | Jasmine, Karma, Protractor, JUnit, Selenium, Accessibility Testing. |

**WORK EXPERIENCE**

**Client: Cricket Wireless LLC, Atlanta, GA May 2017- Present**

**Role: UI Developer**

**Responsibilities:**

* Participated in the Software Development Life Cycle (SDLC) from implementation phase through testing and deployment.
* Worked with an **Agile**, Scrum development methodology to ensure delivery of high quality work with weekly iteration, involved in sprint planning and retrospectives.
* Developed the single page responsive Web pages using **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, **JQuery**, **Handlebars**, **Ajax, JSON** and **AngularJS** to meet the usability, scalability and performance requirements.
* Used **Bootstrap**, **AJAX** and **jQuery** to create responsive web pages.
* Responsible for checking **cross browser compatibility**, **Responsive Web Design** and hence worked on different browsers like Firefox, Google Chrome and Internet Explorer.
* Used **Google Chrome's developer** tools and **Firebug** extensively for code analysis & debugging.
* Wrote various methods to manipulate **HTML5**, **CSS3** in JQuery as well as making the pages dynamic using AJAX, JSON and XML.
* Used **Bootstrap** and **Media Queries** to create a responsive website across different size of screens, set breakpoints for smartphones, tablets and desktops.
* Implemented **AJAX** and JSON for handling asynchronous user requests and user data refreshing.
* Actively used **XML** (documents and transformations) for creating templates with dynamic data from XML file.
* Integrated with the back-end code using **jQuery**, **JSON** and **AJAX** to get and post the data to backend servers.
* Created Images, Logos andIcons that are used across the web pages using **Adobe Photoshop.**
* Developed and implemented user interfaces as per latest **W3C** standards. Developed Client-side validation code using **JavaScript** and **jQuery.**
* Involved in making the application Responsive using **Bootstrap**, **SASS**, **LESS** and Media Queries.
* Used **Content Management system** (CMS) for the dynamic configuration of the header and footer of
* the web application.
* Used **AngularJS** controllers, directives, factories and services for creating single page web applications.
* Tasks are creating components using **Adobe CQ** to effectively maintain the pages through reusability and easy for content authors to change the content.
* Used **$HTTP**, **AJAX** and **JSON** communication for accessing **RESTful** web services data payload.
* Involved in design and development of single page application (SPA) for the web pages and mobile application using **Angular2**.
* Worked with **NodeJS** JavaScript library with a **RESTful** web service and JSON interface, and a thorough understanding of **DOM** and DOM functions.
* Used **Git** version control system to pull, push, commit and raise pull requests from developed code.
* Analyzing, Debugging and Fixing the Front-end UI issues assigned through **Jira** bug tracking tools.
* Worked with QA team to test application and wrote document about bugs and implemented enhancements that significantly improved web functionality and speed.
* Involved in **Agile process**, **two-week Sprints**, and daily Scrums to discuss the development of the application experience with **JIRA Task Board**.
* Spearheaded the **Web Accessibility** Initiatives and practices for Screen Readers to properly read Dashboard visualizations.
* Involved in code reviews developed by the team to make sure they met the business requirements and enforced best coding standards on day to day basis.

**Environment:** HTML5, CSS3, JQuery, JavaScript, AJAX, XML, DOM, MVC, Adobe Flash, Adobe Photoshop CS6, AngularJS, Angular 2, SASS, LESS, Node.js, bootstrap, Handlebars, agile, SQL, Windows, JDBC, Firefox, Chrome, JSON, jQuery, Jira, Restful.

**Client: IdeaCrew, Washington, DC June 2016- April 2017**

**Role: Sr. UI Developer**

**Responsibilities:**

* Interacted with the client to understand their existing applications and implemented the site according to their system requirements.
* Interacted with the back-end staff and scrum master at the daily meeting for new features in this web project using **agile** software development methodology.
* Responsible for designing page layout using **HTML5, CSS3 along with JQuery** and adding dynamic functionality to each module.
* Created web services and desktop applications to access and display data needed by support teams using **HTML5**, **JavaScript**, **JQuery**, **AngularJS**, **Node.js, CSS3, Bootstrap** and **AJAX**.
* Utilized various **JavaScript** and **AngularJS** frameworks, **AJAX** for form validation and other interactive features.
* Involved in development, design and implementation front end part of the widget based application using **HTML5, CSS3, JQuery** and **JavaScript**.
* Developed the application for responsive to different screen resolutions using **Bootstrap** and CSS3 media queries.
* Used **LESS** and **SASS** to customize the styles of HTML and preprocess the CSS files.
* Wrote SPA (**Single Page Applications**) using RESTful web services plus AJAX and **AngularJS**.
* Created Images, Logos andIcons that are used across the web pages using **Adobe Flash** and **Photoshop.**
* Created Typescript reusable components and services to consume REST API's using **Component based** architecture provided by **Angular 2**.
* Extensively used **JQuery,** **JSON**, **AJAX** and **DOM** scripting to create interactive web applications like message posting and auto complete form validations.
* Extensively used **Grunt** and **Gulp** as an associate to **Node.js** to establish the connectivity between database and client.
* Wrote backend Java scripts that performed maintenance tasks on the contract data using **JDBC**.
* Handled response data from **RESTFUL** web services using XML, JSON, and JQuery to update UI Interacted with java controllers.
* Used **Firebug** and IE Developer Toolbar for debugging and browser compatibility, cross-browser testing.
* Used **GitHub** for version control.
* Worked on **MYSQL** as the backend database.
* Maintained **W3C** standards.
* Worked on browser compatibility and tested each application on popular web browsers like Internet Explorer, Firefox, Opera and Chrome.
* Analyzing, Debugging and Fixing the Front-End UI issues assigned through **Jira** bug tracking tools.
* Wrote **Jasmine** unit tests using **Karma** to verify AngularJS modules and JavaScript utility routines.
* Taking the product through the entire lifecycle of analysis, design, coding, testing and implementation and support.
* Effective problem-solving skills, outstanding interpersonal skills, good in written and verbal communication. Ability to work independently as well as within a team environment.

**Environment:** HTML5, CSS3, JQuery, JavaScript, AJAX, XHTML, HTML, CSS, XML, DOM, MVC, Adobe Flash, Adobe Photoshop, AngularJS, Angular 2, LESS, SASS, Node.js, bootstrap, agile, SQL, Windows, JDBC, Firefox, JSON, jQuery, Jira, Restful.

**Client: ETS, Princeton, NJ July 2015- May 2016**

**Role: Sr. UI Developer**

**Responsibilities:**

* Involved in the Software Development Life Cycle phases like Requirement Analysis, Implementation and estimating the time-lines for the project.
* Actively participated in the daily **SCRUM** meetings and paired programming to produce quality deliverables within time.
* Developed all the UI pages using **HTML5, DHTML, XSL/XSLT, XHTML, DOM, CSS3, JSON, JavaScript, jQuery** and **Ajax**.
* Used **Firebug** and **IE Developer** Toolbar for debugging and browser compatibility.
* Worked on **JavaScript** and Browser Cache mechanism for storing and retrieving data for the website.
* Used **jQuery** plugins for Drag-and-Drop, Widgets, Menus, User Interface and Forms.
* Involved in creating styling framework for the webpages using **CSS Bootstrap** along with Grids, Pagination, Dialog box, Carousel, Form, Navbar, and Table.
* Worked on solving **cross-browser** compatibility issues for Safari, Firefox, Chrome, and Internet Explorer.
* Performed Front end validations for the screen using **JavaScript**, **AngularJS** directives and core java.
* Used Bootstrap and **Media Queries** to create a responsive website across different size of screens, set breakpoints for smartphones, tablets and desktops.
* Used the **Node.js** and **AngularJS** MVC Frameworks in the development of the web applications.
* Implemented routing logic and navigation from screen to screen and implemented functionality on the client side in **AngularJS**.
* Used **Node.js** framework **ExpressJS** for better organization of the code.
* Used **ReactJS** to create a single page web application with efficient data flow between the client and server.
* Worked in writing application level code to interact with APIs using **AJAX**, and **JSON**.
* Worked with web services component **RESTful** to interact with external systems.
* Used **SOAP (WSDL) web services** and deployed application on **Apache Tomcat server.**
* Created **SQL** queries to perform insert, update or delete operation on **MySQL** database.
* Used **JDBC** connectivity for querying, inserting, updating, deleting data from database.
* Used **GitHub** version control system to pull, push, commit and raise pull requests from developed code.
* Monitored projects with **Grunt** **task** **runner** and combined with Bower package manager to install JavaScript latest version of libraries based on running in the **Node.js** environment.
* Analyzing, Debugging and Fixing the Front-end UI issues assigned through **Jira** bug tracking tools.
* Worked with **Protractor** for end-to-end testing and **Selenium** for automation testing.
* Worked closely with **QA team** and fixed QA bugs as well as production issues with a quick turnaround time.
* Effective problem-solving skills, outstanding interpersonal skills, good in written and verbal communication. Ability to work independently as well as within a team environment. Driven to meet deadlines.

**Environment:** HTML5, CSS3, JavaScript, JQuery, Dreamweaver CS5, AJAX, JSON, AngularJS, IDE like Eclipse, Node.js, ExpressJS, ReactJS, Java Beans, Jasmine, widget, DOM functions, Protractor, Ajax, Apache Tom Cat server, Selenium, Struts framework, DHTML, XML, JSP, XHTML, Java, J2EE, Jira.

**Client: JetBlue, NYC, NY March 2014- June 2015**

**Role: UI Developer**

**Responsibilities:**

* Involved in developing design specifications, website architecture and web application based on the provided functional and requirements and design layout.
* Worked in **Agile**/SCRUM methodology approach for UI Development.
* Developed page layouts, Navigations and presented designs and concepts to the clients and the management review.
* Involved in developing the UI pages using **HTML, CSS, JavaScript, JSON, JQuery, Bootstrap, Handlebars** and **AJAX**.
* Involved in developing web pages using Bootstrap **JavaScript library**.
* Used **AJAX** to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
* Used the **BackboneJS** to build client-side applications and **Node.js** for building server-side API’s.
* Implement scripting with **Ajax**, **JQuery** and **JavaScript** to dynamically refresh the page contents.
* Designed **CSS templates** for use in all pages on the website working with CSS background, positioning, text, border, margin, padding, table, CSS background, border and transitions.
* Implemented CSS preprocessor **LESS** for Responsive design.
* Maintained cross browser compatibility and implemented responsive design using **Bootstrap.**
* Worked with **JQuery UI** plug-in like widgets, interactions and effects.
* Created Responsive Designs (**Mobile/Tablet/Desktop**) using HTML5, CSS3 and Bootstrap.
* Used **Ajax XML Http Request** to post chat messages and to periodically check the server for new chat messages and update the chat window.
* Wrote **JDBC** statement, prepared statements and callable statements for various DDL and DML operations as well as for executing corresponding stored procedures and triggers.
* Debug the application using **Firebug** to traverse the documents and manipulated the Nodes using DOM and DOM Functions.
* Performed **CRUD** operations in **Mongo** Database**.**
* Extensively used Java Mailing Service API to create, send, receive, and read messages between application components
* Performed Defect Tracking & Management in **Quality Center**.
* Involved in code reviews developed by the team to make sure they met the business requirements and enforced best coding standards on day to day basis.

**Environment:** HTML5, CSS3, JavaScript, JQuery, AJAX, Bootstrap, Web Services, Node.js, BackboneJS, JSON, MongoDB, Eclipse, Java DOM functions, Ajax, XML, JSP, XHTML, Java, J2EE, Windows, Quality Center.

**Client: Metro Plus Health Plan, NY Oct 2012- Feb 2014**

**Role: Web Developer**

**Responsibilities:**

* Involved in requirements gathering and analyzing, checking the dependencies and design of the project.
* Involved in developing the UI pages using **HTML, CSS, JavaScript, JSON, JQuery, and AJAX.**
* Developed secured web applications by using client scripting such as **JavaScript** and **JQuery**.
* Used **AJAX** calls (GET, POST) for triggering or fetching data from Restful API's provided by the backend team.
* Designed dynamic and multi-browser compatible pages using **HTML**, **DHTML**, **CSS** and **JavaScript** using **Bootstrap**.
* Used **Cascading Style Sheet** (CSS) in web pages to separate presentation from structure Defined text alignment, size, borders, and many other typographic characteristics.
* Developed web **GUI** involving HTML, JSP under **MVC** architecture.
* Involved in using **XML** for developing tool for user interface customization.
* Used components of **Bootstrap** like grid systems, carousel, accordion, date picker to remove look and feel of website along with responsive ness.
* Developed the page layouts, navigation, animation buttons and icons.
* Resolved **Cross Browser** Compatible Issues for different version of IE, Safari, Chrome, Firefox and Opera.
* Involved in developing the customer form data tables, stored procedures and triggers. Maintaining the customer support and customer data from database tables in **Oracle database**.
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles.

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| **Environment:** Java, HTML, DHTML, GUI, Bootstrap, JSON, JQuery, Custom tags, JSF, Spring, AJAX, Design Patterns, CVS, PL/SQL, XML, JavaScript, WebSphere, Oracle 10g, Windows. |

**Client: EiS Technologies Pvt Ltd, India June 2011- Sep 2012**

**Role: Front End Web Developer**

**Responsibilities:**

* Communicate with the client to understand the requirement of the website, gained experience in project planning, involved in writing the Project Design Document and Project Plan Document.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **JavaScript, JQuery, CSS,** and **HTML**.
* Used a combination of **JQuery** plugins, as well as completely custom JavaScript to build **AJAX** driven user interface.
* Extensively used Selectors in **jQuery** for updating content on **DOM** nodes.
* Designed and Developed JavaScript frame work which is wrapper on top of JQuery framework and AJAX based UI framework for UI Configuration widgets.
* Involved in the development of presentation layer and **GUI framework using CSS and HTML**.
* Used various **Core Java** concepts such as Exception Handling, Collection APIs to implement various features and enhancements.
* Used **Firebug**, and **IE developer** toolbar for debugging and browser compatibility.
* Resolved **Cross Browser** Compatible Issues for different version of IE, Chrome and Firefox.
* Used **JQuery, Ajax** for service calls on pages to interact with the server for information.
* Created test plans and performed **unit testing** and **performance testing.**
* Participated extensively in developing the cross browser compatible websites and performed cross-browser testing.

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| **Environment:** Adobe illustrator CS3, JavaScript, jQuery, Eclipse, AJAX, HTML, CSS, Chrome, Mozilla Firefox, JSON, DOM, Web Services. |

**Client: P V Technosoft, India June 2010- May 2011**

**Role: Jr. Java/Web Developer**

**Responsibilities:**

* Involved in the Analysis, Design, Coding and testing components in the application.
* Involved in web designing using **HTML, CSS, JavaScript** and extensively used table less design in CSS for Positioning.
* Used JQuery to make the HTML, DHTML and CSS code interact with the JavaScript function to add dynamism to the web pages at the client side.
* Designed responsive web pages using **Bootstrap**.
* Involved in developing **XML, HTML**, and **JavaScript** for client-side presentation and data validation on the client side within the forms.
* Used **Ajax, JSON** to send request to the server to check the functionality of the websites.
* Developed SOA based applications with Restful and **SOAP** Web Services.
* Worked on **Cross- Browser** Coding for making pages compatible with all browsers.
* Involved in verifying data retrieval along with creation of tables, inserting data and database updates as per requirements are managed using **MySQL** **Workbench**.
* Worked closely with Photoshop designers to implement mock-ups and the layouts of the application.
* Collaborated with team members in design, analysis, coding, testing, and website review.

**Environment:** HTML, CSS, JavaScript, HP-ALM, XML, MySQL, GitHub, Java, SOAP, Ajax, JSON, Bootstrap.

**EDUCATION**

Bachelors in Electronics and Communication Engineering from JNTU Kakinada University .