**Aravind Thota**

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**PROFESSIONAL SUMMARY:**

* 7+ years of professional experience as UI developer in developing Web based Applications and Client Server Applications in Java/J2EE environment.
* Experienced in all the technical phases of **Software** Development **Life Cycle** (**SDLC**).
* Expert in **Agile** methodologies like **Scrum.**
* Experience in developing distributed Web applications and Enterprise applications using **Java/ J2EE technologies (Core Java (JDK 7+), Servlets, JSP, EJB)**.
* Experience in designing User Interface (UI) applications and professional web applications using **HTML 4.0/5, CSS2/CSS3, JavaScript, jQuery, AJAX, JSON** and **XML**
* Expertise in developing various JavaScript frameworks like **Angular.js Backbone.js**, **Require.js, Node.js**, **Knockout.js, Express.js, Underscore.js, React.js/ Redux, Ext.JS**, **Responsive web design** (RWD).
* Experience in development approaches Front-end **Model View Controller (MVC)**, event - driven applications using **Object-Oriented Web applications**, **AJAX**, Object Oriented **JavaScript**.
* Experience in designing the interface UI/UX strategy, UI requirements, converting findings into UI designs.
* Responsible for checking **cross browser compatibility** and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google chrome.
* Familiar with popular browsers development and debugging tools/plugins for IE tester, Chrome Inspector, **Firebug**, **Jasmine** and **Karma** testing framework.
* Very good experience in **Document Object Model (DOM) and** also in client-side applications using React JS and working knowledge on Grunt.
* Proficient in Object Oriented Design/Development **(OOD),** Object Oriented Analysis and Design **(OOAD),** and Model View Control **(MVC)** design pattern**.**
* Worked on Java build tools like **Apache, Ant**, **Maven**, **Gradle** and **Jenkins.**
* Experienced in working with **EJB, Hibernate** annotations to map POJOs to databases.
* Utilized **React-Redux** Action Creators, create Store from redux library to connect reducers and containers, to update the state and virtual DOM.
* Good knowledge of various design patterns like **singleton**, **Strategy** pattern and **factory** pattern.
* Excellent problem solving, **analytical and interpersonal** skills.
* Extensive experience using **SQL** and **PL/SQL** to write Stored Procedures and Functions.
* Highly proficient in developing and deploying Java/J2EE applications on Application Servers - **WebLogic, IBM WebSphere, JBOSS** and **Apache Tomcat**.
* Ability to work in-groups as well as independently without supervision
* Experience in using different version control systems like **GIT**, **ClearCase**, **CVS**, **subversion**

**TECHNICAL SKILLS:**

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| **Web Technologies** | HTML/HTML5, CSS/CSS3, SASS, Bootstrap, Jasmine, XML, JSON, Media Queries, Responsive Web Design, CSS sprites, CSS grid. |
| **Java Technologies** | JDK 1.8, J2EE, JSP, JSTL, JavaBeans, Servlets, Struts1.x, Struts2, Web Services, JDBC, Rest API, MVC, Hibernate, SOAP JAX-RS, JAX-WS |
| **JavaScript Libraries** | Angular Js, Node Js, React Js, Require Js, Backbone Js, Knockout.js, express.js |
| **Languages, Scripts** | JavaScript, jQuery, AJAX, Typescript |
| **Frameworks** | Bootstrap, Backbone JS, Angular JS |
| **Version Controls** | SVN, GIT. |
| **Web Services** | RESTful, SOAP, XML |
| **Editors / IDE Tools** | Eclipse, NetBeans, Adobe Dreamweaver, Notepad++, Sublime Text, Visual studio |
| **Database:** | MySQL, SQL(Oracle),SQL Server. |
| **Operating System** | MAC OS X, Windows, Unix/ Linux. |
| **Publishing Tools** | Adobe PageMaker, MS Office |

**PROFESSIONAL EXPERIENCE**

**Client: DaVita Inc – Denver, CO  Jan 2017 - Present**

**Role: Senior Full Stack Developer**

**Responsibilities:**

* Designed dynamic and browser compatible pages using **HTML5, SASS/LESS, CSS, Bootstrap, JavaScript and AngularJS**.
* Experienced in developing solutions using **UI web presentation skills**.
* Enhanced user experience by designing new web features using **MVC Framework**.
* Responsible for the overall layout design, mockups and prototypes color scheme of the web site using **HTML5, CSS3**.
* Used **HTML5** Application cache through which application is cached and can be accessible without internet connection.
* Used **Dreamweaver** as HTML Editor for designing new pages.
* Mobile friendly Responsive Design using **CSS/LESS** Preprocessor and media queries.
* Used **JavaScript DOM** manipulation and **JavaScript** event to generate the data result in UI.
* Implemented various Validation Controls for form validation and implemented custom validation controls with **JavaScript** validation controls.
* Exposure to new features and issues addressed in **Angular 2.0**.
* Created Typescript controllers for the different pages in the views using **TypeScript**.
* Implemented **Angular 2** component router for navigation and also the services to connect the web application to back-end APIs.
* Created single Page Application with loading multiple views using route services and adding more user experience to make dynamic by using **Angular 2.0** framework and **Node JS**.
* Used UI-router to design a single page application and **Angular**, which is Angular bootstrap's **TYPEHEAD** to achieve auto-complete functionality.
* Implemented Angular service calls using Angular Factory and also used **Angular** for making restful API calls and data binding.
* Implemented Angular 2 Router for navigation and Services to connect the web application to back-end APIs made use of **ECMA 2016** features.
* Developed the application on **GWT** (for creating Widgets, Panel, Event Listeners and other Components and deployed the application on **Weblogics** Server.
* Used **Angular 2.0** forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Extensively used **Angular** to generate components, routes, services, pipes and to run tests.
* Used **AJAX** module to handle **RESTful** calls to enable communication between view components and servers.
* Worked closely with the Back-End team to display data using the **Custom Components**, **library Components**, and **Redux.**
* Extensively used Grunt as an associate to **NodeJS** to establish the connectivity between database and client.
* Implement modules into **NodeJS** to integrate with design and requirements and also created Restful web services/ API's using **Node.js**.
* Used **Node Js** to run Grunt tasks and build properly the project (compile, minify, concat etc.)
* The concepts of cross-platform environment **Node.js** are successfully implemented on the Linux based Grunt (JavaScript task runner).
* Worked in using **React Js** components, Forms, Events, Keys, Router, Animations.
* Involved in Production Support and minor enhancements as per application requirements.

**Environment:** HTML5, CSS3, CSS/LESS, jQuery, JavaScript, AJAX, JSON, Typescript, Angular 2, NodeJS, YUI, Responsive Web Design, Bootstrap, Azure Dreamweaver, Agile.

**Pearson - Iowa city, IA** **Jan 2016 to May 2017**

**Full Stack Developer**

**Responsibilities:**

* Actively participated in requirements gathering, analysis, design, and testing phases.
* Worked in Agile Environment.
* Followed best Agile Practices like actively involved in Scrums, Sprint Planning, Sprint Reviews Standup meetings and user stories estimations. Extensively used Rally tool updating the status.
* Developed page layouts, Navigations and presented designs and concepts to the clients and the management review.
* Designed DOM based interactive to reprogram selected links and adopted WCAG 2.0 standards for **HTML5** and **XHTML** and W3C standards for CSS as well.
* Worked with Twitter **Bootstrap** framework making use of grids, advance components like Navbars, Pagination, Alerts, Progress bars etc.
* Developed Custom directives to be reused across different modules in the application
* Developed Web API using **MVC framework** for all business logic and exposed to the front-end interfaces.
* Worked using **jQuery, JSON, HTML, CSS, Java Script** for the UI development.
* Wrote AJAX calls to populate tables, tab menu and other components with JSON data.
* Coded Java Script for page functionality and plug-ins using JQUERY.
* Worked on Jasper reports using tool **iReport** and integrated that **JRXML** into **Play framework.**
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Toolbar for IE.
* Developed test cases and performed unit test using JUnit Framework.
* Using **HTML5** for front end view with **jQuery** and **JavaScript**.
* Used **SQL** statements and procedures to fetch the data from the database.
* Used **GIT** as version control.
* Extensively used **HTML5, JavaScript, JSON, AJAX and DOM** scripting for form validations.
* Used **Dreamweaver**, Photoshop and Illustrator for implementing application and designing graphics and images.
* Worked with the team of architects middle tier and back-end Developers to gather requirements and enhance the application functionality and add new features.
* Graphic Design with Photoshop, designed presentation slides and production manual, proficient with Microsoft office, Adobe Flash.

**Environment:** Agile (Scrum), JavaScript, jQuery, Java, J2EE, Play Framework , Eclipse IDE, JRXML, HTML, CSS, Bootstrap, MySQL, Git.

**Client: Visa, SFO, CANov 2014-Dec 2015**

**Role: Full Stack Developer**

**Responsibilities:**

* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
* Utilized **HTML5, CSS, JavaScript, jQuery,** and **AJAX** to create a user login system that allowed customers to login.
* Revamped the existing **HTML** website and updated content to be stored on the database instead of hardcoded into each page.
* Developed the complete layout of the pages of websites using **CSS** for multiple browsers.
* Designed the table less web applications using **CSS** and with the help of and tags as per **W3C** standards.
* Used **JavaScript**, **Bootstrap** for validation and for developing modules on front-end.
* Developed a single page, mobile-first, cross-device web application for real-time location sharing utilizing **AngularJS**, JavaScript API.
* Created **AngularJS** controllers, services and used **AngularJS** filters for filter functionality in search box and integrator functionalities.
* Created custom **AngularJS** filters to provide better search experience, Implemented **AngularJS** client-side validation forms using various controls and filters.
* Used **AngularJS** in creating multi-page view using templates &ng-route
* Utilized **AngularJS** inbuilt directives for implementation also implemented custom directives for the one's that is not available.
* Used **Backbone.js** framework where data from backend is stored in model and populated it to UI.
* Implemented **AJAX** to multiple aspects of the website to improve functionality.
* Used **JSON** to get response from server to check functionality of the websites.
* Designed PDF, Excel and Print previews for all the reports in the application using **HTML, JavaScript and SQL** Stored Procedure.
* Responsible for checking cross browser compatibility and hence worked on different browsers like safari, Internet explorer, Firefox and Google chrome.
* Worked with teams where requirements are constantly being implemented, tested and improved.
* Used **GIT** for version control.

**Environment:** HTML, CSS, JavaScript, ECLIPSE, jQuery, AngularJS, Backbone.js, AJAX, JSON, Bootstrap, MySQL, Pl/SQL, Notepad++, GIT.

**Client: Comcast, Denver CO Sept 2013 – Oct 2014**

**Role: Java UI Developer**

**Responsibilities:**

* Aided in moving the code from prototype into production, suggested innovative ideas and enhancements to meet business and user needs.
* Created **Modular application structure** using **Angular JS framework, HTML5, & CSS3**
* Architected data formatted web applications and deployed the script using client side scripting using **JavaScript.**
* Worked on consuming **JSON** object creation, parsing on both clients as well as server side.
* Responsible in creating static **wireframes** to present to the business user to show the basic structure and flow of the application.
* Applied **jQuery** scripts for basic animation and end user screen customization purposes.
* Used **JSON** and **XML** for storing and exchanging information between browsers and servers.
* Responsible to manipulate HTML5 and CSS3 in **jQuery** as well as making the pages dynamic using **AJAX**.
* Worked on **REST API** calls and Integrated with UI
* Developed the **jQuery** widget with functionality of progressively enhancing the look and feel of web page.
* Created an actions menu with **jQuery** that appears when checkboxes are selected.
* Handled **cross browser/platform compatibility** issues (IE, Firefox, Chrome, & Safari) on both Windows and Mac OS.
* Performed unit testing using Jasmine, along with integration testing Chrome Inspector to fix bugs and worked closely with QA.
* Used **Bootstrap** framework to build project’s UI and used **AngularJS** framework to associate HTML elements to models.
* Responsible for adapting jQuery UI framework to pull user session information from **REST** services.
* Responsible for creating dynamic **single page web applications** using **AJAX, JSON and XML**.
* Utilized **Protractor** for testing **AngularJS** applications on end-to-end AngularJS application framework.
* Coded pages using **SASS** (CSS Extension Language) in a table less environment.
* Use JavaScript for client side scripting which reduce server trips and decrease the response time of the web application request.
* Worked closely with business users and developers of team to resolve issues.
* Implemented **Java Persistence API** (JPA) through **Hibernate 3.0.**
* Used **SVN** for version control of the application.

**Environment:** HTML5, CSS, jQuery, DHTML, J2EE, JavaScript, jQuery, AJAX, JSON, XML, Eclipse, Bootstrap, REST, Agile.

**Client: Infotech, Hyderabad India Apr 2011 - Aug 2013**

**Role: Java UI Developer**

**Responsibilities:**

* Involved in the **requirement analysis and design phase** to aid in all technical assessments
* Fixed the browser compatibility issues in IE, Firefox and Chrome browsers.
* Code on **Cascading Style Sheet (CSS)** in web pages to separate presentation from structure. Defined text alignment, size, borders and many other typographic characteristics.
* Used **HTML, CSS and JavaScript** to render the dynamic web pages (presentation layer) for the application.
* Used **JQuery** in controlling access to different pages of the applications.
* Developed **JQuery custom widgets** to make easy the enhancement of the web pages.
* Extensively used **JQuery selectors** in accessing various parts of the DOM.
* Used **Ajax and JQuery** to update the parts of the Policy review web pages.
* Implemented **JavaScript promises functions** as an alternative for callbacks.
* Implemented and maintained **AJAX** based rich client for improved customer experience.
* Worked on **creating and consuming SOAP Web services** for accessing data from other external services.
* Used **JQuery** event handling in UI pages’ handle validations.
* Created **JQuery custom widgets** like date picker etc. and other custom widgets.
* Involved in code review and deployment of the application on development, testing of production servers

**Environment**: Java, HTML, CSS, JavaScript, JQuery, SQL, Web services using REST and SOAP, JSON, AJAX.

**EDUCATION:**

**M.S Information Technology**

Valparaiso University, Indiana

**Bachelors in Computer Science and Engineering**

JNTU University, India