**Dorai Raju Viswanadha Palli**

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* 7+ years of professional experience in developing User Interface (UI) Applications and professional Web Applications.
* Experience on up to date advance web development technologies **React-JS**, **Node-JS**, **Express-JS**, **MongoDB**, **NPM**, **GIT**, **AWS**, **Socket.io JavaScript (ES6), Bootstrap, CSS3, HTML5, Ajax, MVC, JSON**.
* Knowledge in building **MEAN** applications using MongoDB, Express.JS, Angular-JS, Node-JS, creating RESTful Web services with Node-JS, Express-JS and installing client side dependencies using **Bower**.
* Used **Node Package Manager (NPM)** to manage or install the Node-JS modules like **Browserify, Babel, Babelify, Webpack**, **Grunt**, **Gulp**, **Express**, **underscore.js**, **require.js**, **passport.js**, **crypto.js**, **mongoose**, **mongo.js**, **body-parser**, **bcrypt.js** and **socket.io**.
* Experience in implementing **MongoDB CRUD (Create Read Update Delete)** operations by using **Mongoose**library in **Node-JS**.
* Proficient in **Responsive Design Layout** applications using **TwitterBootstrap** supporting multitude of browsers and devices.
* Expertise in creating User Controls, Web Forms and client side **validations** using **JavaScript**, **jQuery Validate**and **Angular-JS**. Experienced in using **Backbone-JS** to connect the API’s which enforces the communication to the server.
* Experienced in **React-JS** and working with **React flux architecture, Redux architecture** using complex Object Oriented concepts in improving the performance of the websites.
* Used **React Redux architecture** to manage the different states of the application by combing ideas from **React Flux** to implement the single page application.
* Knowledge of developing single page web applications by using **Angular2** with **typescript 1.8** / **ES 5** and **jQuery** and also working knowledge on HTTP access control **CORS**to enable **cross-origin resource sharing** in the project.
* Good Experience with Object Oriented Design/Development **(OOD),** Object Oriented Analysis and Design **(OOAD),** Model View Control **(MVC)** design pattern and Test Driven Development **(TDD)**.
* Proficient in using **Firebug for Mozilla**, **Developer Toolbar for Chrome** and **IE Developer Toolbar for Internet Explorer.**
* Proficient in dealing with challenging **High Traffic Websites, Cross Browser Issues** handling and **compatibility issues** with different versions of browsers especially in **IE**.
* Proficient in making **AJAX (Asynchronous)** calls using **JQuery** and usage of **JSON** for faster and impulsive responses.
* Good knowledge of JavaScript testing frameworks**Jasmine**, **Karma**, **Mocha, Chai, Protractor** to write the tests on both client side and server side.
* Proficient in using higher level style syntaxes, **LESS** and **SASS** for writing CSS styles more easy with the **Mixins**, **Parametricmixins**, **Nested Rules**, Operations, **Namespaces** etc.
* Extensive experience on working with various **CSS/CSS3** features like **CSS Background, CSS Layouts, CSS positioning, CSS text shadows, CSS box model, CSS table, Pseudo** classes/elements and CSS behaviors.
* Good understanding of relational databases and proficient in writing **SQLqueries** and stored procedures and also proficient in using NoSQL databases like MongoDB.
* Hands on Experience with version control tools like **CSV,SVN** and **GIT**, Strong knowledge in **Agile** Development, **Scrum** and **Waterfall** Methodologies.
* Good knowledge of using **StrongLoop, LoopBack frameworks** to create the dynamic end-to-end **REST API**s on top of **Express-JS**.
* Experience in **Search Engine Optimization (SEO)** techniques and adding appropriate/relevant keywords in order to increase the accessibility of the website through the search engines like Google, Bing, Yahoo.
* Proficient in developing web applications by following web accessibility guidelines to improve the accessibility of the web pages by using the web accessibility evaluation tools like **WAVE**.
* Good knowledge of using JavaScript bundlers like **Grunt**, **Gulp, Browserify and Webpack** to bundle the multiple JS, CSS files together and has experience in using **Bower** to install front end dependencies.
* Experienced in developing and deploying applications to **AWS** using continuous integration tools like **Jenkins** and used **Docker** for creating and setting up the images of Project in different environments.
* Have knowledge on creating **real time web applications** with **Socket.io** JavaScript library for the real time bi-directional communication between web clients and servers.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | HTML5, CSS3, LESS, SASS, Bootstrap-3, Object Oriented JavaScript Programming, PHP, JSON, SEO, Typescript, ES-5 |
| **Libraries** | JQuery, Angular.js, React.js, Node.js, Ajax, Backbone.js, Express.JS, StrongLoop, LoopBack, Require.js, Underscore.js, Crypto.js, passport.js, mongoose, mongo.js, body-parser, bcrypt.js, socket.io |
| **Databases** | Oracle 10g/11g/12c, MS-SQL Server 2005, Mango DB |
| **IDEs and Tools** | Eclipse Kepler, Web Storm, Notepad++, NetBeans 7.3, STS, IntelliJ 4.0, Sublime, JIRA, Brackets, AdobePhotoshop, STS and Adobe Dreamweaver, Google AdWords, SEO Tools, Yahoo Search |
| **Web/Application Servers** | Apache Tomcat, Node, Rest API |
| **Debugging Tools** | Firebug, Chrome Developer Tools, POSTMAN, IE Developer Toolbar. |
| **Project Build /**  **Project Management Tools** | Grunt, Bower, Gulp, Web Pack, Jenkins, DOCKER |
| **Version Control Tools** | GIT, SVN and CVS |
| **Operating Systems** | Windows and UNIX |
| **Unit Test Framework** | Jasmine, Karma, Chai, Mocha, Protractor |

**EDUCATION:**

Bachelor’s in Computer Science Engineering from St. Martins Engineering College, Hyderabad, India.

**PROFESSIONAL EXPERIENCE:**

**Client: WWE, Stamford, CT Aug 2015 – Till Date**

**Role: Front End Consultant w/ React.JS and JavaScript**

**Responsibilities:**

* Current responsibilities include converting **mock-ups**or **wireframes**into single page applications utilizing AngularJS as its core framework.
* Developed **cross browser** and multi browser compatible web pages using **HTML5**, **CSS3**, **Bootstrap** and **JavaScript**.
* Developed the application using **React-JS, Node-JS, Express-JS, Mongo-DB, HTML5, Bootstrap, CSS3** and **JavaScript**.
* Developed an application from scratch including **Mongo DB** server setup and **Express-JS** server development.
* Used **React.js** for building web applications with the associates in order to understand the requirements of the user interface layout of the web application.
* Used **Node Package Manager (NPM)**to manage or install **Gulp**, **Express**, **Underscore.js**, **mongoose**, **body-parser**.
* Used **React Redux architecture** to manage the different states of the application by combing ideas from **React Flux** to implement the single page application.
* Used **CORS** to enable cross origin resource sharing for this project by using CORS module in **Node-JS**.
* Developed **Bootstrap responsive** web application pages using **React.JSRedux architecture** for front end UI and consumed **RESTfu**l web service API by using **Thunk**.
* Developed **REST services** using **Node-JS**, **Express-JS**, **Body-Parser**, **Mongoose**, **Underscore-JS** and other node modules to serve the web application with **JSON** data.
* Used **REST Services**to interact with the **Web Services**enabled application to talk and retrieve data in present application.
* Used **Angular-JS**, **AJAX** for asynchronous validations for the input fields of the forms with the data existed in the database.
* Used **SASS** for creating CSS frameworks store things like colors, font stacks, or any CSS value and dynamically converting these SASS files into CSS files by using Grunt.
* Used **Postman** to test the **API workflow** i.e. tested the JSON files which are generated by the Node-JS, Express-JS.
* Used **Mocha** (a JavaScript test framework) to write the tests at server side and used **Jasmine** on the client side.
* Developed the functionalities under **Agile Methodology, JIRA processes** and used **JIRA** for task assignment, bug tracking and fixture.
* Used **Webpack** as a build tool in this project for the tasks like building scripts, minifying and bundling the JavaScript files.
* Optimized using responsive design techniques to work equally well at both full and mobile screen sizes.
* Implemented best **Search Engine Optimization (SEO)** techniques for designing webpages.
* Used **Continuous delivery** / **Continuous Integration** (CD/CI) tools **Docker**, **Jenkins** to deploy this application to **AWS** and used **GIT** for **Version Control** of code for incremental development.

**Environment:**HTML5, JavaScript, CSS3, jQuery, Ajax, Bootstrap, React-JS,Node-JS, Express-JS, JSON, MongoDB, Restful web service, sublime Text, Mocha, Jasmine, SEO**,** SASS, Web pack, Agile, JIRA, GIT, AWS.

**Client: PLS financial services, Chicago, IL Nov 2014 - Aug 2015**

**Role: JavaScript Developer w/ React.JS**

**Responsibilities:**

* Developed the functionality for communicating between the modules mostly involved in VIEW and CONTROLLER section of MVC pattern for Quality Control(QC) app project.
* Build user interfaces differently by breaking them into components using REACT and used a real, full featured programming language to render views, with REACT.
* Used **ReactFlux architecture**to create the data layers in the application and to bring the Model View Controller architecture for the application.
* Developed application by using **React, Node, Express, MongoDB, HTML5, CSS3, Bootstrap, LESS** and **JavaScript**.
* Used **React JS**to make webpages rendering faster, instead of using ng-repeat in **Angular JS** used **ReactJS** to achieve the same.
* Making sure react is flexible and provides hooks that allow you to interface with other libraries and frameworks.
* Used **Bootstrap** JavaScript plug-ins to implement Tabs, Scroll Spy, Tooltips, Pop Overs, Buttons and alerts.
* Used **Grunt**task runner to automate the compiling **CSS/SASS** files, optimize images, make a bundle and minify JavaScript files.
* Made the integration of data in several applications in favor **JSON** documents with dynamic schemas using **Mongo-DB** (NoSQL) database.
* Created various **Mongo-DB** collections and wrote services to store and retrieve user data from the application.
* Downloading a compressed archive of **MongoDB** data files and distribute those files before restarting the **MongoDB** processes.
* Involved in writing application level code to interact with APIs, Web Services using **AJAX, JSON** in **Node.JS** by using **Express.JS**.
* Used **Node Package Manager (NPM)** to manage and install Grunt, Express, Underscore.js, mongo.js, body-parser.
* Developed **REST services** using Node-JS, Express-JS, Body-Parser, **Mongo-JS**, Underscore-JS and other node modules to serve the web application with JSON data.
* Developed **CSS** styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects by using **LESS**.
* Used **LESS**CSS pre-processor to write the styles by creating **Variables**, **Functions** or **Mixins** and used **Grunt** to automatically convert those styles into normal CSS styles.
* Used **Web Developer tools**, **Firebug** and **IE developer toolbar** for **debugging** and to check the **browser compatibility**.
* Utilized various **JavaScript** and **JQuery** libraries like **JQuery validate**, **AJAX** for form validations and other interactive features and also developed call-back functions to parse and handle **JSON** data returned from the server.
* Performed Unit testing and code coverage with **Jasmine** and **Karma**.
* Used all the advanced Photoshop features to create appealing visual web interfaces.
* Used Agile methodology for the software development and used **JIRA** for task assignment, bug tracking and fixture.
* Involved in team meetings with corporate webmaster’s UI team and end user client for understanding needs in new implementation & involved in daily team meetings & weekly scrum meetings.
* Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Deployed Application on Amazon Web Services using **AWS** S3, EC2 and RDS Services and used **GIT** for **Version Control** of code for incremental development.
* Been an active team player, helped in fixing bugs and also carried out troubleshooting by using the troubleshooting tools/debugging tools.

**Environment:** HTML5, JavaScript, CSS3, jQuery, Ajax, Bootstrap, React-JS,Node-JS, Express-JS, JSON, MongoDB, Restful web service, Web Storm, Karma, Jasmine,SEO**,** LESS, Grunt, Agile, Jira, GIT, AWS.

**Client: Kantar Operations, Hyderabad, India Aug 2013 - Nov 2014**

**Role: Java Script UI Developer**

**Responsibilities:**

* Worked closely with internal clients to define business objectives, project scope, solution space and design/development approach for various knowledge research applications.
* Designed dynamic and browser compatible pages using **HTML, CSS, HTML5, jQuery, JavaScript** and **Backbone.JS**.
* Developed application features using the new custom **Model View Controller(MVC)** framework for the 2-way binding in the webpage.
* Built JavaScript application with **Backbone.JS**MVC framework to render the webpages faster, as well as using **Node.JS** for server side rendering.
* Used the latest JavaScript libraries like **Underscore.js**, **Mustache.j**s, **Handlebar.js** for templating the code in this project.
* Implemented **BackboneCRUD** operations (Create, Read, Update and Delete) and Paginator for pagination for Tables.
* Used **CSS3** to develop Rich UI Components such as Accordions and Modal Windows using pure **HTML 5 and CSS3**.
* Worked on **Motion Stories** using **HTML5** new features like **Animations**, **Transitions**, **Carousel**, video for the better user interface.
* Responsible for creating the screens with table-less designs by meeting the standards of World Wide Web Consortium (W3C).
* Implemented various **Validation Controls** for form validation and implemented custom validation controls using **Object Oriented JavaScript**.
* Used **Backbone.js** and **Handlebars.js** framework where data from backend is stored in model and populated it to UI.
* Utilized various **JavaScript** and **jQuerylibraries**, **AJAX** for form validation with the data existed in the database, other interactive features and also created dynamic webpages making **AJAX** Calls, using the XML Http Request Object.
* Used **JQuery** core library functions for the logical implementation part at client side for all the applications.
* Optimized the page load time for the pages that had heavy traffic by implementing the code optimization techniques and improvised those pages using **CSS**.
* Used **CSS Sprites** to decrease the number of HTTP requests and increase the load time of web pages.
* Worked in **Agile/SCRUM** methodology approach for UI Development and attended the daily team meetings, weekly scrum meetings.
* Successfully implemented Auto Complete/Auto Suggest functionality using **Ajax, JQuery, DHTML, Web Service call.**
* Involved in implementation and up-gradationto **latest versions of JQuery** by replacing the deprecated methods with the latest methods.
* Used Twitter **Bootstrap** framework for developing customizable and fully responsive for various screen sizes.
* Consumed web services using **RESTFUL** architecture.
* Extensively used **JQuery load**methodtoload data from a server and to put the returned data into the selected element.
* Developed and prepared test cases for unit testing of various components with **QUnit** framework.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including IE6.
* Used External Apache services through **XAMPP** control panel for the GUI and also tomcat internally inside eclipse for the backend.
* Used **GIT** as a**Version Control**tool and as a code repository and involved in Project Code Debugging and testing and resolving the **JIRA** bugs assigned.
* Used **Jenkins** for the build process to generate the rpm-build and used **Grunt.js** as a build tool to build the project and for the code magnification of JavaScript files.

**Environment:**CSS3, HTML5, Backbone.js, Underscore.js, Handlebars.js, JavaScript, AJAX, jQuery, JSON, Node JS, XAMPP, Agile, GIT, JIRA, NPM, Gulp.

**Client: Market Research Operations, Hyderabad, India Jun 2010 - Aug 2013**

**Role:Web Developer**

**Responsibilities:**

* Responsible for transforming design mock-ups to **W3C** standards compliant HTML pages using **XHTML, CSS, JavaScript,** and **jQuery, JSON, XML and XSLT**.
* Developed presentation-tier pages in **HTML**, implemented **JQuery** Data Grid control, Validation control and other Widget controls.
* Responsible for designing desktop and mobile websitesbased on the client requirement.
* Used **CSS3mediaqueries** to make responsive web pages in order to show the web pages in different devices.
* Used **Shim libraries**/**polyfills** to use the advance features like **HTML5**, **CSS3** in old versions of browsers like IE5, IE6, and IE7.
* Implemented user interface guidelines and standards throughout the **development** and **maintenance** of the **website** using **DHTML** (HTML, CSS and JavaScript).
* Responsible for developing various **static** and **dynamic** modules which are displayed in different web pages according to the specifications.
* Developed social network services for user interaction using **Ajax, JavaScript, CSS** and **DHTML**.
* Developed and **designed XML Schemas** to transport and store data. XML was used to simplify data and allow for Platform Changes, as well as making data more available across the applications distributed platforms.
* Used **Cascading Style Sheets (CSS)** to maintain design consistency across all web forms.
* Extensively used **XSLT** to transform XML documents to HTML.
* Wrote custom **jQuery plugins** and developed JavaScript functions to build a **bleeding-edge, AJAX-driven user interface.**
* Involved in writing application level code to interact with **APIs**, **WebServices** using **AJAX**, **JSON** and **XML**.
* Implemented dynamic page elements and form error validations using **JavaScript**.
* Created **Ajax calls** to exchange (request / responses) information asynchronously between client end and server, and used jQuery to make these Ajax calls to access the data from database.
* Designed and implemented a dynamic image rendering **web service** which is consumed by **JQuery,JavaScript, and Angular JS.**
* Used **Subversion (SVN**) as a **repository tool** to store the code files in the server and used this as a version controller while working with other members in the team.

**Environment:** CSS, HTML, JavaScript, XHTML, XML, JQuery, JSON, AJAX, DOM, Eclipse, oracle 10g, Apache Tomcat, Adobe Dreamweaver CS3, Adobe Photoshop CS5 and MS Office.

**Client: Market Research Operations, Hyderabad, India Jan 2009 - Jan 2010**

**Role: UI Developer**

**Responsibilities:**

* Created user-friendly and well organized UI's using **HTML**, and **CSS** and exposed to **SDLC** and waterfall model structure of product development.
* Used **JavaScript** for popping up a new window with control over size, position, and attributes of the new window.
* Embedded the **flash** content into the web pages using **SWF Object** in order to embed videos in the web page and used **FLV player** to play those videos.
* Responsible for developing, editing, publishing and managing content on the external Web pages and internal portals.
* Used JavaScript Validate input values on forms to make sure that they will be accepted before they are submitted to the server.
* Used **Cascading Style Sheet (CSS)** in web pages to separate presentation from structure to be able to define text alignment, size, borders, and many other typographic characteristics.
* Interacted with users at different levels through Weekly demos to ensure continuous feedback and meet user requirements.
* Fixed bugs in the production and carried out Unit Testing for the developed functionalities and used firebug, Developer tools in the browsers for this Unit Testing.

**Environment:** HTML, DHTML, CSS JavaScript, XML, XHTML, DOM, JQuery and MS Office.