**Prabhu Vardhan Pilli, Front-End Web Developer**

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**Summary**

* Over 5+ years hands – on experience in web designing and user interface development/ front end user interface using web technologies.
* Extensive experience in developing web pages using **HTML/HTML5, XML. DHTML CSS/CSS3, SASS, LESS, JavaScript, ReactJS, Redux (State Management), Flex, Angular JS (1.X), jQuery, JSON, Node.js, Ajax, jQuery Bootstrap, MaterialUI, TailwindCSS, Framer-Motion**.
* Experienced **in MEAN, MERN, PERN** Stack development, **Mondo dB, PostgreSQL, Express, Express Router, Node, and Angular**.
* Experience in all phases of **SDLC** like **Requirement Analysis, Implementation** and **Maintenance,** andextensive experience with **Agile** and **SCRUM**.
* Expertise in developing both **Single-Page-Applications (SPA)** **and Multi-Page-Applications (MPA).**
* Working knowledge of web protocols and standards **(HTTPS, HTML5/XHTML/XHTML-MP, CSS3, WEB FORMS, XML, XML PARSERS)**.
* Good experience on customizing **CSS frameworks** like **Bootstrap** and **Foundation** using **CSS** pre-processors **LESS** or **SASS** and Compass.
* Implemented easy to **use Bootstrap Plugins** for building **carousel, accordion, modal windows** etc.
* Good Expertise in analyzing the **Document Object Model (DOM) Layout**, **DOM Functions**, and **JavaScript Functions, Cascading Styles** across cross-browser using **Fire Bug, Developer Tools.**
* Excellent Experience in React JS (v17.X) framework to develop SPA’s
* Experienced in **React JS** and working with **React Flux architecture**.
* Experienced in working with **Redux architecture** using complex Object-Oriented concepts in improving the performance of the websites.
* Experience in using **React JS components, Forms, Events, Keys, Router, plus Redux, Animations** and **Flux concept**.
* Good Experience in **React.js** for creating interactive **UI's** using **One-way data flow, Virtual DOM, JSX, React Native** concepts.
* Familiar with creating Custom Reusable **React** **Components Library**.
* Expertise in using **Angular JS Directives, Controllers, Filters, Services, Templates, Events,** and **Injectors**.
* Experienced in working with **Node.JS** and **NPM** modules like **http-server, Marathon, inquirer, path, mongo DB** and **templating engines.**
* Experience in Node environment using **Node.js, NPM**.
* Strong in using the **Node.js**, and **Require.js** and **MVC Frameworks** in the development of the web application
* Expertise in writing **SQL, PL/SQL, Stored Procedures**, **Cursors, Triggers** with **Oracle 9i/10g**, **MySQL**, **PostgreSQL**, **MongoDB**, **DB2**, **Blob storage** and **MS-SQL** Server.
* Involved in writing application-level code to interact with **APIs, RESTful** Web Services using **AJAX**, **JSON**.
* Proficient in using **Unit.js** testing framework along with **Jasmine**, **Karma**, **Protractor**, **Mocha** test runners
* Experience in Version Control tools like **CVS**, **GIT**, **SVN** and Clear-Case for Source Code version management.
* Expertise in using **IDE** tools such as **Notepad ++**, **Web Matrix**, **Eclipse**, **Sublime Text Editor**, **IntelliJ IDEA**, and **Web Storm**
* Ability to work effectively while working as a team member as well as **individually**.
* Excellent communication and Inter-**Personal Skills**, **well organized**, **goal oriented.**

**Skills**

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| **Web Technologies:** HTML/HTML5, CSS/CSS3, LESS/SASS, Bootstrap, Jasmine, XML, JSON, Media Queries, Responsive Web Design, CSS sprites, CSS grid.  **JavaScript Libraries:** Angular JS, Angular 2, Node JS, React JS, Backbone JS  **Languages, Scripts:** JavaScript, jQuery, AJAX, Typescript, JAVA, J2EE, PHP  **Frameworks:** Bootstrap, Backbone JS, Angular JS  **Tools:** SVN, GIT, Grunt, Gulp  **Web Services:** RESTful, SOAP, XML | **Editors / IDE Tools:** Eclipse, NetBeans, Adobe Dreamweaver, Notepad++, Sublime Text, Visual studio  **Database:** MySQL, SQL Server, PL/SQL(Oracle)  **Web/Application Servers:** Apache Tomcat, web logic, Glass Fish.  **Operating System:** MAC OS X, Windows, Unix/ Linux.  **Publishing Tools:** Adobe PageMaker, MS Office |

**Education**

* **Bachelor’s in computer science and Technology (2011 - 2015)**

**Professional Experience**

UI Developer / React JS Developer  **Oct 2019 – Present**

GOOD FOOD – Toronto, ON

* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets accessibility and web browser standards for website.
* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Developed user interface by using the React JS, Flux for SPA development.
* Implemented react JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Used React-Router to turn application into Single Page Application
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Web services (SOAP and RESTful) for transmission of large blocks of XML/JSON.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Maintained states in the stores and dispatched the actions using redux.
* Implemented the Drag and Drop functionality using React-Draggle
* Used React-Auto complete for creating Google map’s location search on the webpage Added Excel-Builder to download the Tabular data in Excel format using react.
* Used Excel Builder 3rd Party open-source library and tweak it to make sure it will work with IE11.
* Used flickity.js for creating carousel-images.
* Component for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Drop down, Multi-Level Drop down and many more.
* In Phase Two, worked closely with the Back-End team to display data using the Custom Components, library Components, and Redux.
* Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
* Added Dynamic Functionality by creating and dispatching Action Creators that deployed Actions.
* Created and used Reducers that received said Actions to modify the Store State Tree.
* Optimized animation logic with optimistic functions to increase performance in rendering.
* Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
* Called the Restful web services calls for POST, PUT, DELETE and GET methods.
* Have worked on AWS for fetch the pictures files from AWS to UI.
* Used React flux to polish the data and for single directional flow.
* Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Worked with JASMINE unit test framework to write unit tests for JavaScript code.
* Extensively used debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
* Monitoring the offshore work and providing technical help to the offshore team for their JIRA tickets.

UI/Angular Developer **July 2017 – Sep 2019**

TD bank – Toronto, ON

**Responsibilities:**

* Involved in developing the UI, layout and front-end programming for web application using **HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, Angular 2.0/ 4.0/5.0, and Bootstrap.**
* Adoption of new principles such as **responsive design**, mobile first and adaptive design using **Angular5** libraries using **Typescript**.
* Developed **SPA (single page application)** project using **Angular 2.0/4.0/5.0** and Typescript for frontend, **Node JS, and Postgres** for backend
* Designed and coded customized **Angular 5 services** to interact with the **backend API** and serve components.
* Worked with **Angular 4** forms, modules, DOM, events, expressions, **controllers, filters, and Http Request.**
* Used **HTTP Request** to read data from web servers and process **JSON** data to render in the UI.
* Connect Web API to Angular using Http Call and designed GET, POST, PUT, DELETE for Web API.
* Fetching JSON data from the Web API, appropriately parsing that data and rendering it on the screen using various data visualization components.
* Handled response data from RESTFUL web services using XML, JSON, and jQuery to update UI Interacted with java controllers (jQuery, Ajax, and JSON to write/read data from back-end systems).
* Implemented Data Access Layer using Entity Framework with Web API to connect, retrieve and update the data from SQL Server
* Developed Object Oriented JavaScript code and responsible for client-side validations using **jQuery** functions.
* Developed source code to consume **JSON** response received through **AJAX calls using jQuery**.
* Coding, testing of reusable **JavaScript**, **CSS3**, **HTML5** widgets / libraries for complex UI controls and Responsible for **JavaScript / AJAX** UI upgrades and improvements.
* Experience with **Angular 4 Directives, Dependency Injection, Services, Routing, pipes, Animations, Forms, AOT, Lazy Loading, RXJS**
* Created Typescript reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 4**
* Worked on **Angular 5** Modular Programming
* Implemented **Ng-2-smart table** with various features like sorting, filtering, Pagination in the project.
* Developed the application using **MEAN stack: Mongo DB, Angular 5.0, ExpressJS**, and **Node.js**.
* Used Angular 5 as framework to create a Single Page Application (SPA) and created various components.
* Performed a lot of **DOM operations** for loading and manipulating dynamic content on web pages.
* Front-end prototype and theming with **Bootstrap, Angular 5, jQuery**.
* Developed **callback functions** to parse and handle **JSON** data returned from the server.
* Developed all client-side logical implementation part of applications with **Angular 4 controllers** under specific modules, manipulating nodes in DOM tree.
* Developed Asynchronous means of retrieval of data from the Server and Database using AJAX features as well JavaScript. And using **Node.js** applications to write in JavaScript.
* Developed the server side **GraphQL** Core API layer to server multiple mobile and web clients.
* Created a build process for different environments like **dev, test,** and **production**. Demonstrated knowledge of **code reviews, unit** and **regression testing, page speed testing.**
* Tested cross browser functionality and fixed major layout bugs for supported browsers.
* Performed testing to test the speed of the pages.
* Made enhancements to existing CSS and DIV tags using box model.
* Used Jasmine framework to write Unit test cases for the web module. Also, used different developer tools respective to the browser to debug the code.

**Environment**: **HTML5, CSS3, Angular 2.0/4.0/5.0, Node JS, JavaScript, TypeScript, jQuery, AJAX, Bootstrap framework, Jasmine, Tortoise SVN, GIT.**