**UI/Angular Developer**

**Lakshmi P**

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**Professional Summary:**

* 7+years of professional experience in developing web applications with deep insight using HTML 5, CSS 3, Bootstrap, primeNG, JavaScript, Angular 1/2/4/5/6/7/8/9 and jQuery, AJAX, JSON, NodeJS and XML.
* Proficient in developing and maintaining user interface for Single Page Applications (SPA) using AngularJS, Angular 2/4/5/6/7/8/9.
* Expertise in developing web pages for different devices like Mobile, Tablet and Desktop using RWD, Bootstrap and media queries.
* Experience in using CSS Preprocessors like SASS and have knowledge in LESS
* Expertise in analyzing the Document Object Model (DOM) Layout, DOM Functions, and JavaScript functions, Cascading Styles across cross-browser using Fire Bug, Developer Tool Bar.
* Well-versed in Object Oriented Programming (OOP) with JavaScript and Expertise in developing web pages for W3C accessibility.
* Extensive experience in jQuery, AJAX, JSON, JS with Bootstrap and node.js.
* Used Angular features extensively to develop Single Page Application
* Extensively used MVC framework (Model View Controller).
* Expertise in Angular Features like creating custom Directives, Pipes, Dependency Injection, Modules and implementing Lazy Loading and Routing.
* Expertise in creating Template Driven Forms and Model Driven Forms with built in validations and custom validations.
* Worked on consuming the Rest API data using Angular Services.
* Implemented JWT token-based authentication by integrating that API with Angular AuthGaurds
* Used RXJS library for formatting the Http response into required format.
* Experience in testing Angular applications using Jasmine and Karma
* Experience in coding optimized SQL queries on databases like MySQL, SQL server.
* Having experience in handling of webpages without Cross Browser Compatibility issues
* Good experience in new web technologies like ES6 and Typescript
* Used GITfor Version controlling, error reporting and project management tools JIRA.
* Strong knowledge on Grunt, Gulp and Webpack
* Experienced in various methodologies like Waterfall and Agile

**Technical Summary:**

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| --- | --- |
| JavaScript Frameworks | Angular 1/2/4/5/6/7/8/9, Node.JS, RXJS |
| Operating System | Windows 2000/XP/Vista 7/8/10, Mac, Unix, Linux |
| Web Technologies | HTML 5, JavaScript, Bootstrap, primeNG, jQuery, AJAX,CSS3 Preprocessors (LESS, SASS). |
| Database | Mongo DB, My SQL, SQL SERVER |
| Debugging tools | Developer tools |
| Task Runner | Grunt.js, Gulp, Web pack |
| Testing | Karma, Jasmine |
| Version Control | Git, SVN. |
| IDE's | Visual Studio, NetBeans, Eclipse. |
| Web Servers | WebLogic, Apache Tomcat, IIS 5.0, 6.0, 7.0 |
| GUI Editors | Notepad ++, Sublime Text, Visual Studio Code, Brackets, Web |
| Back-end knowledge | Node.js, Web Services (REST), NPM. |
| Methodologies | Agile, Jira. |

**Professional Experience:**

### **Client: AT&T, Bothel, WA** **June2019- Present**

### **Role: Sr. UI/ Angular Developer**

**Responsibilities:**

* Involved in requirement gathering, Analysis, Estimation, Implementation, Development and Testing.
* Responsible in developing User Interfaces using HTML5, CSS3, media queries, Bootstrap, primeNG and Angular 6/7/8/9.
* Upgraded to Angular 9 to use IVY renderer and the default AOT build.
* With the Angular 9 Upgrade, the local compile time, client side rendering and the build time increased drastically.
* Also, the Update or new features from typescript gives us more flexibility.
* Involved in routing Modules, Routing Components, Navigating Pages. Implemented Lazy loading in the navigation of Components and Modules.
* Implemented HTTP requests using Rxjs Observable library to handle multiple values over time.
* Extensively used primeNG Features such as Ngx Charts, drop-down menu, progress-bar, input and search text box, navigation buttons, overlaypanel etc.
* Implemented predefined and custom Form Validations using Form Builder in Reactive Forms.
* Used primeNG Datatables to display data on the page with the required format.
* Used Bootstrap, primeNG and Angular Material all over the application.
* Experience on working with CSS Background, Layouts, positioning, text, border, margin, padding, table, CSS behaviors in CSS.
* Involved in writing the unit test cases for Angular Services, Components, Modules, Forms using karma, jasmine frameworks.
* Used Webpack for bundling JavaScript files.
* Implement Custom reusable pipes to transform the data.
* Created custom-directives and custom-filters, pipes for data manipulations (DOM) and to display data in company standard format in UI.
* Use Bootstrap to help the responsiveness of webpage and design with few custom CSS3 style sheet on elements.
* Involve in writing application level code to interact with APIs, Restful Web Services using Http methods.
* Extensively worked with making calls to WEB APIs to fetch the data from the back end as JSON response and parse it on the UI for DOM/CSS Manipulation.
* Design dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using Angular 6/7/8/9.
* Define new validations through Angular for the form field validation implemented using directives like valid, pristine, and checked.
* Used primeNG features like column sorting, multi column selection, pagination, formatting data all over the application.
* Used Angular custom and in-built directives from Angular powered bootstrap for better performance of the application.
* Used Agile craft as an issue-reporting tool for updating the bug report.
* Follow agile development methodology to develop the application.

**Environment:** HTML5, CSS3, JavaScript, PrimeNG, Bootstrap, Angular 6/7/8/9, Karma, Jasmine, Restful services, Git

### **Client: Avaya, Coppell, TX August2017- June2019**

### **Role: Sr. UI/ Angular Developer**

**Responsibilities:**

* Developed Single page application using Angular 5/6, Typescript and RXJS.
* Implemented new features of Angular 6, ng-add, ng-update, tree-shaking and updated RXJS.
* Used Input, Output properties and shared services for data communication between the components. Reusable angular components were developed targeting to reduce the large chunk of the code base using component-based architecture.
* Worked Extensively with Angular CLI for creating components, Services, pipes, Directives and adopted new features from Angular 5 in our application.
* Used NPM for installing required node modules and other published Angular NPM modules.
* Used Angular Life Cycle hooks to get into the different phases of the component to get fine grained control of the application.
* Implemented routing to navigate between the components in the application using Angular router module.
* Implemented Lazy Loading of the modules to decrease the initial payload time and downloading time for the application.
* Used open source library like **Angular material** to create customized components.
* Caching technique was implemented on the get requests using the Interceptors of HTTP Client Module provided by Angular.
* Dynamic Reactive forms, form controls and custom form validations are created in the application.
* Implemented authentication using JWT web tokens and safeguard the routes using Auth guards.
* Used NgRx store to setup an immutable data structure and makes consistent applications on top of Angular.
* Implemented NGRX store to maintain the state of the application. NGRX store was used to store results after angular injector observable retrieved the data from backend.
* Added logic to dispatch the action to NGRX store, this was done to update the store and to update components subscribed to that particular store.
* Application was managed solely based on the state populated from the store.
* Resolved the cross-browser compatibility issues for different versions of IE, chrome, Firefox, Safari.
* Used JavaScript library D3.js for producing dynamic data visualizations such as graphs.
* Used Bootstrap for responsiveness of the application.
* Karma and Jasmine are used in this project for implementing test cases and to perform unit testing.
* Deploying builds across development, staging and production instances and maintaining code integrity via Git,Jira as an issue tracking tool.
* Worked with Angular new features with ng-template and some of the form validations, Animation Packages.

**Environment:** HTML5, CSS3, Bootstrap, Angular 5/6, D3.js, JavaScript, JSON, Git, Karma, Jasmine, Jira, Node.js, NPM.

### **Client: Wex Inc., Portland, ME Jul 2016- Jul2017**

### **Role: UI Developer / Angular Developer**

**Responsibilities:**

* Developed web pages using web technologies like Angular 2, JavaScript and HTML.
* Used CSS to preserve uniformity in all screens
* Worked on migration from Angular JS 1.x to Angular2 to implement new features and increase the application performance.
* Developed web-based data visualizations by integrating d3.js with Angular 2 which fits both for web and mobiles.
* Used directives and services to create communication between the components.
* Extensively used Model Driven Forms for more control and better validation on the user input data.
* Created the custom directives to access the DOM elements and Custom pipes to format the data into required format across the applications.
* Implemented the lazy loading instead of the eager loading of the modules to decrease the initial payload of the application in the browser.
* Used Bootstrap Media Queries to fit the application in different viewport sizes.
* Implemented JWT token-based authentication by developing the API using Node JS and by integrating that API with Angular AuthGuards.
* Collaborate with the application architect and backend developers on JSON API design.
* Involved in configuring the git repository and maintained the version control using GIT.
* Applied Angular2 features like building the components and binding the data using data binding methods.
* Worked in Agile methodology for on time delivery of the project.

**Environment:** Angular 2, JavaScript, D3.js, Restful Web Services, MySQL, Bootstrap 3, GitHub, Node JS, Agile, HTML5, CSS3, Karma, Jasmine

**Client: Tachyon Technologies, Hyderabad, India June 2014– Dec 2015**

**Role: UI Developer**

**Responsibilities:**

* Developed the frontend applications, user interactive (UI) web pages using web technologies like HTML5, CSS3 and Bootstrap.
* Worked in the Agile/Scrum development environment with frequently changing requirements and actively participated in scrum meetings and reviews.
* Bootstrap was used along with AngularJS in creating the Application to correctly fit Webpage across different browsers.
* Developed Client-Side Validation techniques using AngularJS.
* Involved in designing User Interface (UI) applications and professional web applications using JavaScript, AngularJS, Bootstrap, HTML, CSS and JSON.
* Developed custom directives and Services in AngularJS.
* Client-side validations using angular JS in-built classes
* Responsible for writing the SQL queries for selecting, adding, deleting and updating the data in the MySQL database.
* Used Rest API’s to consume data from backend.
* Used JSON communication for accessing data from rest API.
* Involved in production support and bug fixing.
* Used GIT as source repository and controlling versions of the code.

**Environment:** HTML5, CSS3, Bootstrap, JavaScript, AngularJS, JSON, Web services (REST), Agile, Git, MySQL.

**Client: Excel Soft Services, Hyderabad, India                         June 2013– May 2014**

**Role: Junior UI Developer**

**Responsibilities:**

* Responsible for development of web pages using HTML, CSS including AJAX controls and XML.
* Developed UI using HTML, CSS, JavaScript validations and XML.
* Coordinated with BA group for better understanding of functional requirements analyzed and designed the business requirements to documented and implemented.
* Implemented applications in JavaScript and MySQL.
* Developed portals for implementing health care benefits of the employees.
* Created various web page layouts using HTML and CSS.
* Designed, developed and updated User Interface Web Forms using CSS, and JavaScript.
* Responsible for developing, editing, publishing and managing content on the external Web pages and internal layouts.
* Used Cascading Style Sheet (CSS) in web pages to separate presentation from structure.
* Defined text alignment, size, borders and many other typographic characteristics.
* Performed client-side validations using JavaScript.
* Fixed bugs and provided support services for the application.

**Environment:** HTML, CSS, JavaScript, jQuery, Ajax, MySQL