

UI Developer

Sumant Chaganti

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PROFESSIONAL SUMMARY:

- **Having 4** years of experience in Software Industry with expertise in **Front end development**, Accessibility for Web applications.
- Built applications for scale using JavaScript, **Typescript** React.JS, Redux **Angular2, Angular4, Angular 6, Angular 7, Angular 8, Angular 9, Angular 10, Angular 12, Angular 13, Node.js and Express.js**.
- Expert in developing User Interface (UI) Applications and professional Web Applications using Web Standards, HTML5, CSS3, Object Oriented JavaScript, Angular JS, Angular 12, React JS, Node.js, jQuery, angular material, Ajax Concepts, CSS3 Media Queries.
- Responsible for developing reusable components and routing based on states using React Router in **ReactJS**
- Expertise in Large Scale **JavaScript Application** Development.
- Experience with Project set up in **Angular**, Worked in **Dependency Injection in Angular Apps**.
- Implemented test cases for the service layer using Junit.
- Used Java 8 Lambda expressions along with Streams for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
- Developed microservices using Java, Spring Boot, Restful services with good quality of code.
- Expertise in **React JS** framework to develop the **SPA**, 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 **React.js** for creating interactive **UI's** using **One-way data flow, Virtual DOM, JSX, React Native** concepts.
- Expertise in **Angular JS Directives, Controllers, Filters, Services, Templates, Events and Injectors**
- Developed scalable applications using the **MEAN (Mongo-DB + Express.JS + Angular.JS + Node.JS) stack** created POC's for rest service development using **Node.JS, Express.JS and MongoDB**
- Extensive Work Experience in using **HTML/HTML 4.0/5, XHTML, XSL, XSLT, CSS2/CSS3, LESS, SASS, BOOTSTRAP, Angular JS**, to develop complex web page layouts with rich UI and responsive design including various sections like headers, footers, content area, side bars and checked the cross - browser compatibility with various browsers like Google Chrome, **Internet Explorer, Mozilla Firefox, Safari**.
- implemented various screens for the front end using **React.js** and various predefined components from **NPM (Node Package Manager), bower and redux library for Dependency managem**
- Strong experience in working on user interface applications and professional web applications using **HTML5, CSS3, JavaScript, JQUERY, AJAX, JSON, XML, Bootstrap, Angular JS, Angular, Node JS, React JS**.
- Elevated level of proficiency in extensive **HTML** coding that implements web applications, prototypes, user interface.
- Very strong in developing applications using **CSS, SASS, LESS** and modern techniques such as **Flexbox**.
- Expertise in using frameworks like **CSS blueprint**, used **CSS Sprites** to increase the efficiency of web pages.
- Well-versed with **JavaScript, jQuery, jQuery** plugins (Validator, Drag and Drop, Auto Complete), **AJAX, DHTML, JSON**.
- Strong knowledge and extensive experience with multiple **JavaScript** Libraries and frameworks such as **Angular JS, Angular, Node JS, Express JS**.
- Skilled in creating top-notch web applications using **Angular** framework (**Angular JS, Angular 13**).
- Experience building web applications using **Angular 13, Typescript** and **ECMAScript 6** new features.
- Experience in building modern web application in **React JS** and **React ecosystem libraries**.
- Proficient in designing and developing Single Page Applications using **React, React-Router** and **React-Redux**.
- Created applications with full-stack JavaScript using **React, Redux** and **NodeJS**.
- Experience with using new standard of JavaScript ES6 along with HTML5 and CSS3.
- Expertise in building Single Page Applications in **ReactJS** and **BackboneJS**.
- In-depth knowledge of **Node JS, Express JS, and Mongo DB** along with **Mongoose JS** to create server-side applications.

- Proficient in **JavaScript** framework **Ext JS 4.0** with special emphasis on developing **Single Page Applications (SPA)**.
- Prominent level of proficiency using **Bootstrap** for **Responsive Web Design (RWD)** and **CSS media Queries**.
- Adept on **Bootstrap**, **Foundation**, **Material Design** lite, **ionic** framework for standard web design, styling mobile apps.
- Strong experience in **RESTful** Web Services/API's using **Node JS** and in implementing Service Oriented Architectures (**SOA**) using **XML** based Web Services (**SOAP/WSDL**) and other web services with **JAX-WS** and **JAX-RS** technologies.
- Pleasant experience in using **XML/JSON** and **AJAX** to link with back-end applications and working knowledge of Web protocols and standards (**HTTPHTML/XHTML/XHTML- MP**, web forms).
- Experience in using Mobile Frameworks like **ionic**, **jQuery mobile**, **Kendo UI** for **IOS** and **Android Platforms**.
- Extensive knowledge on **PHP** programming, including OO, procedural, knowledge of data structures, design patterns.
- Developed **SPA** using **ionic-Angular** reusable components, directives, pipes, injectable services, Cordova native.
- Extensively used **CSS** along with **RWD** to apply different styles to the layouts for varying screen sizes and pixels.
- Responsible to Style, look and feel of the web page with **SASS** that extends **CSS** with dynamic behavior such as variable, mixing, operations, and functions.
- Worked on **Flexbox** layouts, grow, shrink, wrap, navigation menus, popover, and grid layout in bootstrap.
- Developed the applications using different components and services in the **ionic Framework** like Error Handler, Infinite Scroll Module, Geolocation, Nav Controller and Alert Controller, Grid System, and ion-icons
- 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.
- Experience in configuration management systems like SVN, GitHub and GIT LAB and e experience in both Waterfall & Agile development methodologies.
- Experience in Redux and NgRX store to manage the state, subscribing and unsubscribing the state changes and dispatching actions in Angular.
- Working experience with version control system GIT in an Agile Scrum environment.
- Expert in designing web applications and web contents utilizing various **Search Engine Optimization** techniques, familiar working with **High Traffic Websites**. Good knowledge on implementation of **User-Centered Design** methodology.
- Experience in performing unit-testing using **Jasmine**, **Karma**, **Mocha**, end-to-end testing using **Protractor**.
- **Debugging**, Applications design, Development, Integration, Maintenance, Installation, Implementation, and **Troubleshooting**, Testing of client/server, N-tier, and web applications.
- Artistic Experience with **Cross Browser** responsive design, Graphics, Animation, Grid System optimized for iOS, Android and other Retina devices, interactive forms, parallax effects, social media, SEO, CMS.

TECHNICAL SKILLS

Web Technologies	HTML, HTML5, DHTML, XHTML, CSS, CSS3, LESS, SASS, JavaScript, PHP, MVC, DOM, JSON, AJAX, XML.
JavaScript Libraries	JQuery, Angular 13, React JS, Node JS, Bootstrap.
Database	MySQL, MSSQL, SQL Teradata, PLSQL.
Operating Systems	Windows, Linux, Unix, Mac OS X, MS-DOS.
Programming Languages	C, C++, Java, Data structures.
Software Tools	UML, Adobe Photoshop.
IDE	Eclipse, IntelliJ, Notepad++, Komodo, Adobe Dreamweaver, Microsoft FrontPage, Visual Studio 2005/2010/2012, Sublime Editor, NetBeans, Text Mate, Brackets.
Version Control	CVS, GIT, GitHub, Bitbucket.

EDUCATION:

Masters of Science in Applied Computer Science

Northwest Missouri State University at Missouri, USA

May 2021 – July 2022

Bachelor of Engineering – Computer Science Engineering

Gitam University

April 2014 – May 2018

Professional Experience:

ETG GLOBAL SERVICES

Apr 2019 – Apr 2021

UI Developer

Responsibilities:

- Involved in reviewing business requirements and functional designs for application.
- Involved in Agile process, bi-weekly Sprints, and daily Scrums to discuss the development and achieve TDD (Test driven development approach).
- Worked on customizing the Angular-Material classes using CSS preprocesses like SASS and made use of NPM task runner to compile SASS files to CSS, Linting, minify files and compress images.
- Worked with Angular Flex Layout which provides a sophisticated layout API using Flexbox CSS and media Query. This module component layout features using a custom Layout API, media Query observables, and can be injected to DOM.
- Worked extensively on NGX Charts, Confidential has been customizing & extending it as well as contributing. I have been part of contribution to this open source in extending few charts.
- Handled and build multiple asynchronous service calls using RxJS such as Observables, behavior subjects and some of its operators.
- Used **Angular 13** framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
- Involved in implementing the complete Application in the in-build MVC Architecture with Angular.
- Developed angular material responsive web application pages using Angular-Material services, controllers and directives for front end UI and consumed RESTful web service API.
- Developing CSS Style for web page using SCSS Structure and also implemented routing and SPA application using Angular.
- Highly used **Angular 12** router to build single page application for navigation through the different status and multiple modals.
- Developed application in **Angular 13** with **TypeScript** and implemented **RXJS** (reactive extension) for using **Observable** sequences to allow **async** data streams with out of the box **RXJS** operators in **NGRX** platform.
- Responsible to Style, look and feel of the web page with **SASS** that extends **CSS** with dynamic behavior such as variable, mixing, operations, and functions.
- Developed components as an independent module for reusability across the application.
- Created **Typescript** reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 12**.
- Implemented **Angular 13** inbuilt directive for angular lifecycle checks and for adding conditionals Confidential template level.
- Created in-house directive for reusability and allowing them to communicate to other components via in-built model configurations.
- Implemented click handlers via **RXJS** in component code snippet. This was done to make an observable sequence out of click event stream and to associate it with data streams, which can be used Confidential the time of subscription.
- Handled data from multiple streams to maintain the sequence and their dependencies by using the **RXJS** operators.
- 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 **store**.
- Application was managed solely based on the state populated from the store.
- Created **reducer** functions for the module store to create the parent/child hierarchy.
- Implemented **Router-store** and **Resolver** component and handled routing via dispatched actions.
- Made use of **Angular's** recursive component to build a tree-like structure for the UI.
- Created **Effects** to describe the source of dispatched **actions** and dispatching an action on success with corresponding payload.

- Implemented nested forms by using **NG VALUE ACCESSOR** service for reading and passing the data from child to parent in a reactive form.
- Leveraged **DOM** level event observables via custom directives to manipulate interactive between sibling components.
- Utilized angular material wherever deemed necessary to configure in-house widgets styling.
- **Continues Integration** and **Continues Delivery (CI/CD)** using **Circle CI** that enhance automated and accelerated product release processes lead to on-time and frequent product releases.
- **Node Package Manager (NPM)** is used for managing dependencies in our Angular 9 application.
- Deployed and host the application on **Amazon web service (AWS)**.
- Designed and developed the application using **SAFE** methodology by breaking down the project to several sprints.
- Worked on **React JS Virtual Dom** and **React views**, rendering using components which contains additional components called custom **HTML tags**.
- Developing single page application by using Covalent open-source framework, which is built on Angular, Angular-cli, Typescript, RXjs, Material design, NGX, SCSS.
- Researching JavaScript based frameworks like **React Native** and **Ionic/Cordova** for frontend.
- Worked on **React JS Virtual Dom** and **React views**, rendering using components which contains additional components called custom **HTML tags**.
- Implemented various screens for the front end using **React.js** and used various predefined **components** from **NPM (Node Package Manager)** and **redux library**.
- Used **React JS components, Forms, Events, Keys, Router, Animations, and Flux concept**
- Created shared modules, components that could be shared across the component's application.
- Participated in designing the style guide and branding for the entire project.
- The view layer is built on latest angular 11, material ui.
- Extensively worked on Angular concepts like building components, data binding, event binding, hostlisteners, styling elements dynamically using ngClass, show and hide particular element using ngshow/hide.
- Built **React** components, UI services to consume rest services using Component based architecture.
- Implemented **React** component router for navigation, services to connect the web application to back-end APIs made use of ES6 features.
- Leveraged **DOM** level event observables via custom directives to manipulate interactive between sibling components.
- Used Express Framework to set up middleware to respond to the HTTP requests with the help of Node JS.
- Used Webpack for code bundling and babel as compiler for transpiling JS files in unsupported browsers.
- Extensively used ECMAScript 5.0 for large applications and library creation.
- Utilized \$local Storage, \$session Storage to deal with the data in the project by storing the data in local storage, session storage of the browser.
- Responsible for **React UI** and **architecture. Building components library, including Tree, Slide-View, and Table Grid.**
- Implemented stable **React components** and **stand-alone functions** to be added to any future pages.
- Used **React JS** for **templating** for faster compilation and developing reusable **components**.
- Developed the functionalities under Agile Methodology and used JIRA for task assignment, bug tracking and fixture and used cleaner patterns like module pattern and followed DRY principles.
- Used TSLint for checking TypeScript code for readability, maintainability, and functionality errors, which was easier working on VSstudioCode.
- Used GitHub and Gitlab, private and public repo for version controls and JIRA for defect tracking.
- Used **Azure DevOps** to keep track of **bugs** to reduce **downtime, increase productivity**, and Communication.
- Worked on an **Agile (Scrum)** Development Team to deliver regular updates to business team and project managers.

Environment: HTML5, CSS3, SCSS, Flexbox, JavaScript, Typescript, Angular 12/13, Angular-CLI, RXJS, JSON, Observables, Node JS, Angular Material, NGRX Platform (Store, Effects, Router-Store, Store-Devtools), NPM, Adobe Analytics, GIT, Visual Studio Code, .NET, REST API, Swagger, DOM, Bit bucket, Circle CI, Auth0, Azure DevOps, Confluence

Front End Junior Developer

Responsibilities:

- Created custom Mobile and PWA applications using **Angular 9** and **Ionic 4** for cross platform deployment.
- Worked extensively in developing **UI** layout and front-end programming for web and mobile application.
- Working with Multi-Platform application architecture using **Ionic framework** with **Cordova** to achieve multi-Platform.
- Developed **SPA** using **Ionic-Angular** reusable components, directives, pipes, injectable services, Cordova native.
- Extensively used **CSS** along with **RWD** to apply different styles to the layouts for varying screen sizes and pixels.
- Responsible to Style, look and feel of the web page with **SASS** that extends **CSS** with dynamic behavior such as variable, mixing, operations, and functions.
- Worked on **Flexbox** layouts, grow, shrink, wrap, navigation menus, popover, and grid layout in bootstrap.
- Developed the applications using different components and services in the **Ionic Framework** like Error Handler, Infinite Scroll Module, Geolocation, Nav Controller and Alert Controller, Grid System, and ion-icons.
- Worked with **HTML 5** local storage and session storage features to store data for client-side processing.
- Worked Extensively with **Angular CLI** for creating components, services, pipes, directives.
- Used **Angular form** validation and customize validations to validate the user input and improves the user experience.
- Worked on creating **responsive website** for smart devices using responsive web design, grid, media queries, Bootstrap.
- Implemented **Angular 9** components and life cycle hooks to maintain the data present in each view.
- Brief experience on implementing the **Angular 9** in creating animations based on **Ionic** classes.
- Leveraged **Angular** resources for all data access, encapsulating URLs and standardizing data access interfaces.
- Extensively used custom **Angular 9 Pipes** to provide better search experience for the user.
- Created reusable templates using **Angular directives** and worked with **NPM** package manager tools.
- Implemented **Angular Material** Design components and Theme, such as table, table pagination, sort header, form filed.
- Written **Angular Material** driven JSON consuming **Angular 8** functions to save User selections such as radio button, drop-down menu selections into a cookie.
- Worked with **Typescript** decorators, interfaces, type restrictions and ES6 features.
- Created **Typescript** reusable components and providers to consume **REST API's** using Component based architecture provided by **Angular 8**.
- Strongly followed the key features from the latest **Typescript** 4.0 that has been supported by the **Angular 8** such as string based enums and Weak-Type-Detection.
- Performance tuning of client-side **typescript/JavaScript** to optimize navigation within the Hybrid App.
- Experience in enhancing **Angular** application's performance and faster rendering by utilization of AOT, and lazy Loading.
- Worked with **http Interceptor's** configurations for security in **Angular 8** applications.
- Delivered native functionality for the applications using **Apache Cordova** in **Ionic framework** such as storage, camera, and splash screens.
- Used **NPM** for installing required node modules and other published **Angular NPM** modules.
- Participated in capturing **web analytics** requirements in coordination with business users, business analysts and technical team members.
- Used **Google analytics** reports, optimized the page load time for the pages that had heavy traffic and improved those pages.
- Performed **cross-browser** and devices quality assurance and **data validation** on all **analytics** tags to ensure that all appropriate and relevant data is being collected.
- Involved in development and enhancements of features to restrict the usage based on **Authorization** and **Authentication** tokens.
- Actively involved in refactoring code, revamping pages to improve **User Experience**, worked on **cross browser compatibility** issues (mostly related with IE issue like blob, **CORS** issue, Misalignment of components, **Caching** issue).
- Enabled **Cross-origin** resource sharing that overcome the same-origin policy security restriction imposed by browsers.
- Implemented **lodash** library for the data manipulation to work with arrays, objects.
- Integrated the **Ionic** App with the API's to perform the CRUD operations based on the user actions.

- Validate the **Https** request and response of the **REST API** using **Swagger**.
- Implemented **Observables** using **RxJS** for **Async** communication to API service through http protocol.
- Implemented **HTTP** requests using **RxJS Observable** library to handle multiple values over time.
- Extensively worked with making calls to **REST APIs** to fetch the data from the back end as **JSON** response and parse it on the **UI** for DOM/CSS Manipulation.
- Using **Angular** Testbed, Asynch with **Jasmine, Karma** Implemented Front End test cases.
- Used **JIRA** as issue tracking product management tool to maintain and collaborate on issues and tasks.
- Worked on an **Agile** (Scrum) Development Team to deliver regular updates to business team and project managers.

Environment: HTML5, CSS3, SCSS, Flexbox, JavaScript, Typescript, Typings, Angular 8/9, Angular-CLI, RXJS, JSON, Observables, Node JS, Angular Material, Angular Pipes, Interceptor, NPM, Angular forms, Ionic, Cardova, Ionic-Angular, Ionic storage, Iodash, Google Analytics, GIT, Hammer JS, Visual Studio Code, .NET, SharePoint, REST API, Swagger, DOM, Bit bucket.

EXTRACURRICULAR ACTIVITIES:

- Worked as an Organizer for conducting the events in the University.