Name: Changanti Sumanth
Email ID: t4tauto014@email.com
Phone: +916196579442

PROFESSIONAL SUMMARY:

- 4 years of professional experience in development of web applications as a Front-End developer(UI) expertise and competence with all phases of the development cycle for top-notch applications, using **HTML** (4/5), **CSS** (2/3), **JavaScript, Typescript, Angular JS, Angular (2/4/5/6/7/8/10/12,13,14,15), LESS, SASS, ReactJS, Redux, Node.js, XML, Bootstrap, JSON, AJAX, jQuery.**
- Experience in end-to-end implementation of Software Development Life Cycle (SDLC), Waterfall and Agile; including finalization of specifications, testing, design, development, implementation and quality, Agile Methodology.
- Expertise in Large Scale **JavaScript Application** Development.
- Experience with Project set up in **Angular,** Worked in **Dependency Injection in Angular Apps.**
- Extensive experience in front-end technologies which include **HTML**, **CSS**, **JavaScript**, **AngularJS**, **Angular6**, **Angular7, Angular8, Angular10, Angular11, Angular12, Angular13, Angular14, Angular15 Typescript**.
- Skilled in **Angular 6/7/8/10/11/12/13/14/15** features like creating custom directives, modules, components, pipes, services, dependency injection, materials, routing, binding, and forms to create a **SPA**.
- Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented JavaScript, Typescript, Angular 2.0, Angular 8/10/12, Angular JS, Node JS, Bootstrap, Media Queries, and CSS Frameworks.
- Experience in testing Angular applications using Jasmine, Karma for unit testing and Protractor for end to end testing.
- Development and Customization of Applications according to Business Requirements.
- 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 2.0** framework and its ability to create simple and scalable code for SPA.
- Worked extensively on Angular 10/ Typescript SPA domains.
- Hands on Experience on **Angular CLI** (Command line Interface).
- Good amount of work done on Reactive forms or Web Forms 2.0 in **Angular8/10** and their Validations.
- Expertise in using **Angular JS** directives, Controllers, Filters, Services, Templates, Events and Injectors.
- Extensively Worked on **CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table, Pseudo Elements & Classes and CSS Behaviors in CSS.**
- Experience in making **Responsive Web Pages** using **Media Queries** and **Bootstrap**, Material Design lite for styling mobile applications.
- Expert knowledge in the following UI design practices and concepts: user-centered design, UI heuristics and principles, technical writing, business and user workflow, logical information organization and navigation, prototyping and use case scenarios.
- Good Understanding of Document Object Model and SEO standards.
- Excellent working knowledge and thorough exposure on cross browser / cross device compatability, with emphasis on Responsive Design principles and Interactive web design from a simple transition effect to parallax scrolling, rich media presentations.
- Highly skilled at front-end engineering using **Object-Oriented JavaScript.**
- Experience in using **Balsamiq work frames** for mockups of web designs.
- Experienced in creating ReactJS functional components, **hooks**, **effects**, **Forms**, **Event** and **Router**.
- Experienced in creating React.js web applications with JSX, React nesting components and Virtual DOM manipulations with Redux architecture.

- Experienced in working in **Continues Integration** and **Continues Delivery** (CI/CD) environment.
- Developed React.js pages and web services for the applications used in development of the web application to bind the data/model.
- Experience in developing web applications by invoking **Restful APIs**.
- Well experienced in writing test cases in **Test Driven Development** and **Behavior Driven Development.**
- Strong experience in JavaScript coding and developed various Client-side validation libraries using JavaScript.
- Used Responsive Web Design so that the website is compatible with different devices like Desktops, laptops, tablets and smart phones.
- Experience in using **Chrome Developer Tools** and **Firebug** for debugging and troubleshooting the code.
- Good experience in automated build process by using **Jenkins** and **Maven**.
- Experience in **Unit Testing (UIT), Integration Testing** and in preparing test cases.
- Expertise creating user **validation forms** and sending data to server using **RESTful** services.
- Used **Jenkins** for build Process to Generate **Continuous Integration** and **Version Control** are done by **GIT.**
- Utilize **Jasmine**, **Karma, Grunt** and **NPM** to build and test applications.
- Expertise in Video Coding by using **HTML5**, **CSS3** and **JavaScript**.
- Extensively used the repositories like **GIT** and **SVN**.
- Good experience in **unit testing** by using **Karma** and **Mocha**.
- Experience with various IDE's such as Visual Studio Code, Web Strom, Sublime and Notepad++.
- Experience in working on **MAC**, **Windows**, and **Linux - Ubuntu** operating systems.
- Experience in working with Web Forms, User Controls and Web Controls using HTML/HTML5, DHTML, CSS, CSS3, JavaScript and Visual Studio.
- Involved in implementation of MVC pattern using **Angular 4.0/2.0, and Spring Controller**.
- Experience with Web Services, Web Forms, Win Forms, Microsoft .NET Frameworks.
- Experience in .NET Framework, Asp.Net, Microsoft Visual Studio (2015), analytics in developing and designing.
- Strong Troubleshooting, Problem Solving, Analytical and Design Skills.
- Experience in Typescript language with ECMA6.0 programming standards.
- Database development skills using SQL, Stored Procedures, Triggers, Functions for various Relation Databases like MySQL.
- Experience in writing stored procedures, functions and triggers.
- Good Experience of using the various JavaScript concepts like Prototypes, Closures, and Object-oriented features, Promises.
- Usage of SQL **server** for data manipulation& responsible for implementing stored procedures for data retrieval and updating
- Experience with **Web Pack, Grunt, NPM** packages.
- Skillful experience in working with version controls like **Git and SVN**. .
- Worked extensively on Container based environments like **Docker**.
- Experienced in building single page applications (SPA) using **React with Redux pattern**, **Axios**, Super-agent, Redux-thunk, React-Redux forms, web pack, Babel, SASS, and **Node**.
- Worked on **GIT** as a version control. Utilized NPM scripts for build and test environments in a **Node.js** application.
- Experience in designing Professional UI Single-Page Applications using **Angular, React with Redux** and Flux patterns.

TECHNICAL SKILLS:

Web Technologies	HTML4/5, CSS3, JavaScript, JQuery, Bootstrap, Angular.js, Node.js, Ajax, JSON, Angular 2/4/5/6/7/8/10/12/13/14/15, Typescript, ReactJS, Redux, Angular CLI, PHP
JavaScript Libraries:	Angular 2/4/5/6/7/8/10/12/13/14/15 Angular Js, Node JS, ReactJS, Redux, jQuery, SCSS

Databases	PostgreSQL, MongoDB
Application Servers and version control	Node, GitHub, SVN
Developer IDE Platforms & tools	Eclipse IDE, Visual Studio Code, Sublime, Brackets, Firebug, Karma, Jasmine, Chai, Mocha.
JS Task Runners, Web services	Babel, RESTful

PROFESSIONAL EXPERIENCE:

ETG GLOBAL SERVICES

April 2019 - April 2021

UI Angular Developer

Responsibilities:
- Developed the front end of the application using **Angular, HTML5, DHTML, CSS3, SASS, JavaScript**.
- Develop web applications in **Material Design**.
- Using the Interceptors of **HTTP Client Module** of Angular10, implemented the caching of the get requests.
- Use **Rxjs** for handling the scope of data.
- Worked on developing **Micro Frontend** applications.
- Using **Grapecity Wijmo** implemented all the functionalities of **spreadsheets** and **excel**.
- Using Responsive Web Design so that the website is compatible with different devices like Desktops, laptops, tablets and smart phones.
- Using SQL **server** for data manipulation & responsible for implementing stored procedures for data retrieval and updating.
- Creating tools that enhance how users see and interact with your site in any browser.
- Production, modification and maintenance of websites and the application user interfaces.
- Implementing responsive design for sites
- Work with Angular Forms, Validations, Modules, Components, directives, controllers and HTTP requests.
- Implement RxJS for better user experience by by dynamically providing Asynchronous request and response communication between the client and the server.
- Developed CSS3 style sheets to give gradient effects, Developed page layouts, navigation and icons. Applied industry best practices and standards when project requirements were lagging.
- Coding pages with best Search Engine Optimization techniques.
- Developed HTML prototypes and UI deliverables, such as wireframes, flowcharts,, screen mock-ups, and interface design specifications.
- Created Images, Logos and Icons that are used across the web pages using Adobe Flash and photoshop.
- Created pages for login using single sign on, main page containing favorites and page for continuous integration configuration.
- Created animation effects during the data load, waiting for the Ajax response using JQuery.
- Experience in CSS pixel-level layout, Consistency with browsers, Version and Platform Independence.
- Used javascript for developing UI Components like Editable drop down, data-driven menu customizations.
- Interact with other developers and end users to design and implement new features throughout the framework.
- Worked with business analysts to understand their business models and goals.
- Create JIRA workflows including project workflows, screen schemes, permission scheme and notification schemes in jira.
- Handled all aspects of the web application including maintaining, testing, debugging, deploying and printing.
- Developed designs in securing the application using form-based authentication using HTML, XHTML, Javascript, JQuery and CSS.

- Implemented custom pagination and Sorting logic on the UI.
- Implemented and used the Sorting directives with in the form arrays.
- Implemented deep compare using 'deep-equal' 3rd party tool to check the objects while navigating form page to page according to the requirement.
- Extensively used Angular Reactive forms, form Arrays and implemented reactive validations and validation messages according to the requirement.
- Used Angular CLI to create modules, components, services, directives, pipes etc.
- Contributing some back-end experience, collaborating on API's and more Created reusable components and routing to implement navigation between the components using **Angular15 framework**.
- Facilitates Angular components like modules, controllers, built-in and customized directives, filters.
- Using Bootstrap created application Mock-ups. Created individual components, modules by using single responsibility rule.
- Implemented applications with **Lazy Loading** concept to decrease the initial payload time and downloading time for the application.
- Used version control repository **Git** and **JIRA** for resolving bugs/defects in application by coordinated with team members of the project to assure a positive outcome.
- Do **T-Shirt size estimates** for future Epics of the project in JIRA.
- Do Code review before moving changes to **Dev, UAT** environments.
- Created web services using **ASP**.Net with **C#,** supporting and modifying existing services based on user requirements.
- Developed cross-platform .**NET Core** applications, implementing microservices for modular and scalable solutions.
- Troubleshot and debugged .**NET** Core applications, ensuring compatibility across diverse environments.
- Implemented **ASP.NET MVC** pattern mechanisms to display product catalogs and categories, integrating **Angular2** with Bootstrap and **Vue.js** for a responsive web application.
- Built and consumed **RESTful** services, implemented serialization using **Spring REST** and **JSON**, and designed user interfaces for applications using **ASP**.**Net MVC** and **C#.**Net.
- Ported an application from **ASP.NET** Web Forms to **ASP**.**NET MVC**, generated models using the **Entity Framework**, and utilized **RESTful** Web services with **ASP.NET** Web Service.
- Developed a **RESTful** Web **API** service using **ASP**.**NET Web API**, tested functionality with Postman, and worked on **Azure** for highly available customer-facing applications.
- Handle the **release** activities of the project.
- Prima face of the application for its users to do analysis on issues they are facing in Production environment.
- Fix and reprocess **productions issue** and do root cause analysis of the issues faced by users.
- Track the root cause analysis fixes of application.
- Testing the site during responsibilities design for Laptop, Desktop, Tablet and mobile sites.
- Responsible for designing grid controls and dynamic data load with appropriate data available in database.
- Daily **dev sync up meets** to discuss blockers of the team.
- 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**.
- Developing **Progressive Web Applications** (PWA).
- Used **Accessibility** and **SOLID** principles during development phase.
- Worked on building **cookie cutter** with inbuilt industrial best practices which suits prerequisites of client to accelerate new development.
- 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.
- Worked on Cloud based solutions and familiar with usage of **S3, Cloud Watch, Cloud Insights, SQS, EC2**.
- Enhanced legacy application by building new components in **Angular 10** and **typescript**.
- Used **NPM** for installing required node modules and other published **Angular NPM modules**.
- 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.
- Extensively used **Material Design** for making our web page responsive and attractive.
- Designed **visual mockups** from **wireframes** and delivered final design production-ready assets for development.
- Implemented **NGRX store** to maintain the state of the application. **NGRXstore** 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 date from child to parent in a reactive form.
- 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.
- Leveraged **DOM** level event observables via custom directives to manipulate interactive between sibling components.
- Established **UX** design as the first stage of all Web and mobile application developments, instituting a user-centered design **(UCD)** approach.
- Migration of Existing Application to **AWS** cloud and used **AWS** services like **EC2, S3**, **RDS**, **CloudWatch** and **Cloud Front** for promoting code in various environments.
- Experienced with implementing **HTTP REST** standards.
- Extensively used **ag-Grid** properties by passing the elements attributes and the values for the bindings come from the parent **controller**.
- Used **React JS** for **templating** for faster compilation and developing reusable **components**.
- Used **React-Autocomplete** for creating **google map's** location search on the webpage.
- Created components, routing, module, dynamic forms, validations, ag-grid, etc.
- Develop unit test using **Karma**. Also used strict patterns of RA team for testing with **jasmine**.
- Working with **ECMA6** features. For build of JSX and ES2015(ES6) used **Babel**, **webpack**.
- Used Jenkins for build Process to Generate Continuous Integration and Version Control by GIT.

Environments: **Angular 10, Aws EC2, S3, SQS, System Manager, SonarQube, Jenkins, GIT, Postgres SQL, Html, CSS, JavaScript, React JS, Redux, Angular-CLI, Typescript4, NodeJS, Bit bucket, jasmine, Karma, JIRA, Slack, VS Code, Docker, GCP, Agile.**

Unicsol   **Sep 2017 - April 2019**
UI/Frontend Developer

Responsibilities:

- Developed several single page applications using **Angular 10, Typescript and RXJS**.
- 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 **Ionicframework** 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.
- Developing self-contained, reusable, testable modules, and components using dependency chain.
- Cross-browser client-side development experience using HTML5, CSS3, JavaScript and Typescript.
- Performed testing using Protractor, Jasmine, Karma, and involved in code reviews.
- Created reusable components and routing to implement navigation between the components using **Angular10 framework**.
- Facilitates Angular components like modules, controllers, built-in and customized directives, filters.
- Using Bootstrap created application Mockups. Created individual components, modules by using single responsibility rule.
- Implemented applications with **Lazy Loading** concept to decrease the initial payload time and downloading time for the application.
- Developed the component interaction between the parent-child components and sibling components using Input, Output decorators and shared services.
- Worked with **Typescript** decorators, interfaces, type restrictions and ES6 features.
- Handled browser/platform compatibility issues very effectively on both windows.
- By integrating D3.JS with Angular implemented web-based data visualizations.

- Created multiple template driven forms and Reactive forms to take the queries from the user and applied Built-in validations to ensure the user provides valid information.
- Implemented JWT web-based token authentication and AUTH Guards to prevent invalid routing address for a better security purpose.
- Using the Interceptors of **HTTP Client Module** of Angular 10/12, implemented the caching of the get requests.
- Developed all the page styles by using Bootstrap and SASS to gain better structure of style sheets for maintenance purpose.
- For unit testing, used **Jasmine, Karma and Protractor for End-To-End testing**.
- Built backend with Node.JS and Express JS, to transfer data between front and backend used JSON.
- Used JIRA for bug tracking.
- Creating and implementing code documentation to support development.

Environments: Html, CSS, SASS, JavaScript, AngularJS, Angular 12/11/10, Angular-CLI, Bootstrap, RXJS (Reactive extensions for JavaScript), Typescript, React JS, Redux, NodeJS, Bit bucket, jasmine, Karma, JIRA, Slack, VS Code, Github, GIT.