**Venkata Annavarapu**

**MEAN/MERN Stack Developer**

**Phone: +1 972-696-9183**

**Email: venkatap793@gmail.com**

**Professional Summary:**

* Around 8 years of experience in developing web applications using **HTML5/CSS3** templates, **ReactJS, Angular 4/6/8/9/11/13, Flux, Redux, NodeJS**, and integrating vanilla JavaScript to manipulate **DOM** elements and make use of **web** **APIs**.
* Strong understanding and experienced with all the phases of **SDLC** and **agile** development methodologies including **SCRUM**, involved in daily SCRUM meetings to keep track of the Ongoing project status and issues using **JIRA**.
* Solid hands-on experience on front-end technologies like **Angular** and **ReactJs**
* Experience in developing Single Page applications using **HTML5**, **XHTML**, **CSS3**, **DOM**, **JavaScript, ECMA Script (ES5&ES6)**, **jQuery**, **Ajax**, **JSON**, **XML**, **React JS, Angular, Node JS**, **Bootstrap, Material UI**.
* Extensive knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like **Angular, React**.
* Experience in working with **Angular 8** modules, templates, directives, services.
* Experience working with **Node JS** to develop single page along with dynamic web applications.
* Hands on experience using **jQuery**, **Node.js, Bootstrap** and **Angular JS** for changing styles dynamically, creating animating effects and manipulating DOM structures.
* Experienced software developer looking to help build modern products with the latest technology. Recently refreshed on the latest in full stack web development, including **React** and **Node**
* Extensively worked with frameworks like **JQuery**, **AngularJS**, **Angular 2.0/4.0**.
* Worked extensively on **Angular 8**/ Typescript **SPA** domains.
* Experience with **Bootstrap** and **Angular** UI to make the application user-friendly in the development of the Navigation Bar, Tables, Sliders, Calendars etc.
* Created and used **Reducers** that received said Actions to modify the **Store State Tree**.
* Good experience in deploying server-side real-time web applications **Node JS** and **Express JS** with the help of **Node Package Manager (npm).**
* Experienced in creating Single Page Application (**SPA**) using **Angular JS**framework.
* Good Experience working with **SOAP and REST** Based **Webservices**
* Expertise in **JavaScript** coding and concepts like **closures**, **promises**, **prototypal inheritance**.
* Worked with backend engineers to optimize existing **API calls** to create efficiencies by deprecating unneeded **API calls**.
* Excellent skills in creating and accessing various databases like **Oracle**, **MySQL, SQL** and **NoSQL** like **MongoDB**.
* Experience in creating test suites using **Jasmine**, **Karma** and worked on tools like **NPM**, **Bower**.
* Working knowledge of dashboard for the project which contained a variety of charts and draggable components using **jQuery UI library**.
* Built **RESTful** web services using **Node.JS** and implemented the front-end using jQuery and AngularJS controllers, directives, and services.
* Experience in creating dynamic webpages making **AJAX Calls**, **Axios** using the **XML Http Request Object**.
* Experience using all kinds of text editors, tools like **Notepad++, Brackets, NetBeans, Eclipse, Dreamweaver, Visual studio, Sublime Text Editor**.
* Hands-on of knowledge in using **JSON** and **AJAX** to link with back-end applications.
* Expertise in Utilizing **Jasmine, Karma, Mocha** and **NPM** to build and test applications.
* Experience in version control tools like **GIT, SVN, CVS,** continuous integration tools like **Jenkin, Dockers**.
* Experience in cloud deployment with **Amazon Web Services** (AWS), **Kubernetes** and **Azure**.

**Technical Skills Technical Skills:**

|  |  |
| --- | --- |
| **Web Technologies:** | HTML4/5, CSS2/3, JavaScript, Ajax, JSON, ReactJS, Angular, ECMA Script, NodeJS, jQuery, Bootstrap. |
| **IDE & Tools:** | WebStorm, MS Visual Studio, VS Code, Eclipse, Dreamweaver, Notepad++, Sublime Text. |
| **Version Control** | SVN, GIT, TFS. |
| **Debugging Tools:** | Firebug, Chrome DevTools, Fiddler. |
| **Webservices** | SOAP and REST |
| **Build & Test Tools** | Gulp, Grunt, Karma, Jasmine. |
| **CI/CD** | Jenkins, Docker |
| **Database** | ORACLE, SQL server, MySQL, Mongo DB, AWS |
| **Graphics Tool** | Adobe Photoshop, Adobe Illustrator. |

**Professional Experience:**

**Centene Corporation – St. Louis, MO Nov 2022 – Till Date**

**Role: MEAN/MERN Stack Developer**

**Responsibilities:**

* Developed webpages for smart phones, tablets and personal desktops using **HTML5**, **CSS3**, **Bootstrap**, **jQuery**, **Angular**, **Typescript** and **JavaScript**.
* Worked Extensively with **Angular CLI** for creating components, Services, pipes, Directives.
* Developed single page user input forms using **Angular 13**.
* Implemented scrum based agile software development for analyzing, designing, and developing applications.
* Highly used **Angular 13** router to build single page application for navigate through the different status and multiple modals.
* Utilized Observables for http error handling with catch and throw **RxjS** operators.
* Complete hands-on Experience on **Angular 13** technology for one complete project in rebasing the UI of the application using the techniques in **Angular 13**.
* Created TypeScript reusable components and services to consume REST API’s using Component based architecture provided by **Angular 13**.
* Used Decorators to optimize the code reusability and worked with services, providers in **Angular 13**.
* Worked in creating SPAs using **React JS components, Forms, Events, Keys, Router, Animations and Flux concept**.
* Client-Side code was written in **React JS** and Server-Side Code were developed using **MVC4**.
* Exclusively used **React-Hooks** to perform the application lifecycle-process.
* Used **React-Router** to turn application into Single Page Application.
* 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.
* Implemented flux pattern by using **redux** framework as a core dependency.
* Involved with **Redux** Middleware Redux-axios, Redux-sagas while working with the CRUD operations like **GET**, **POST**, **PUT** and **DELETE** methods.
* Used Middleware**, Redux-Promise** in application to retrieve data from Backend and to also perform **RESTFUL services.**
* Enhanced user experience by designing new web features using MVC Framework like **Express JS** and **Node.js**.
* Used **Bootstrap** components like dropdown menus, navigation bar, alerts, and labels Setup Jasmine and Karma for UNIT Functional Testing of JavaScript with mocking frameworks and spy’s.
* Implemented token-based authentication with JWT also used Passport from **node.js**.
* Worked on **NPM** packages and published them to nexus repositories, Developed **Gulp**, **grunt** task runner or application and involved in writing Unit test cases.
* Created the Application using **Node.js libraries NPM, gulp** directories to generate desired view and **flux** to root the URLs properly.
* Developed RESTful microservices using NodeJS and ExpressJS.
* Created **RESTful API’s** from scratch performing CRUD operations (Post, Put, Read, Delete) using **NodeJS**.
* Used **Node.JS, Express.JS** to create server-side API with MongoDB.
* Designed and implemented server-side RESTful webservices using **NodeJS** and **ExpressJS** and handled communication to the client side using **JSON**.
* Extensively used version control and configuration management tools **GitHub**, **GitLab** and **CI/CD** tool **Jenkins**, **Docker**, **Kubernetes** for regular Deployment.
* Dockerized the application by creating docker images and running docker containers.
* Tested developed components using **jasmine**.
* Created unit test cases for **UI** Components and Services using **JEST and Enzyme, Jasmine**, **Karma**
* Effectively using **Jira** tool to track user stories and bugs.
* Used **GIT** as project version control.

**Environment:** HTML5, CSS3, CSS, JavaScript, TypeScript, VS Code, Angular Js, jQuery, Bootstrap, Node.JS, Angular, GIT, Ajax, JSON, REST, MongoDB, Eclipse, Jasmine, Karma, Grunt, Gulp, Kubernetes, Docker

**First Command Bank - Dallas, TX May 2021 – Oct 2022**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in Design, Development and Support phases of Software Development Life Cycle (**SDLC**).
* Used **AGILE** methodology and participated in **SCRUM** meetings.
* Responsible for creating efficient design and developing User Interaction screens using **HTML, CSS3, Bootstrap, JavaScript, Angular 9** and **Node JS**.
* Developed dynamic responsive Web Application by integrating **Angular9** with **Bootstrap** which is further integrated with Web Services.
* Worked Extensively with **Angular CLI** for creating components, Services, pipes, Directives.
* Used **Angular 9** Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Enhanced application performance by **Angular 9** Component based development in view of future Angular framework transitions.
* Implemented **Angular Router** to enable navigation from one view to the next as customer performs application tasks.
* Extensively worked on developing the single page application (SPA) using ReactJS and used bootstrap for responsive web design.
* Enhanced user experience by designing new web features using MVC Framework like **Express JS** and **Node.js**.
* Created **reusable components**for the application and used props to pass data between parent and child component. Also, created **a functional component** as well as **a class component** to maintain code simply and cleanly.
* Created **Typescript** reusable components and services to consume REST API's using Component-based architecture.
* To reuse code/functionality created custom **Directives, Filters, services, and controllers**.
* Created tasks for updating **tsconfig** tracked files based on **glob, tslinting**, and compiling **typescript** files.
* Developed multiple POCs to create an interface between Backend to Frontend by using MongoDB, ExpressJS, AngularJS and Node.js
* The back end uses **NodeJS, Express, MongoDB** and mongoose to provide **RESTful API.**
* Responsible for creating back-end components using **Node.js.**
* Performed input validations and error handling on client side.
* Implemented **OAUTH 2** (Rest service authentication) in our application to communicate securely with other protected resources by exchanging access tokens for authentication instead of using username and passwords.
* Worked with modules like **MongoDB** and mongoose for database persistence using **Node.js** to interact with MongoDB.
* Cooperating with the back-end developer in the process of building the **RESTful API.**
* Involved in the **Kafka** Topic configuration and developed producer and consumers.
* Deployed applications in **Kubernetes** Clusters, running on **Docker** Hub.
* Developed test classes in **JUnit** for unit testing.
* Worked on **RESTful API** to created services, tested on **Postman.**
* Worked on GIT as a version control. Utilized NPM scripts for build and test environments in a **Node.js** application.
* Designed and developed Web pages using **HTML**, **CSS** including **Ajax** controls and **XML**.
* Worked on the website from start to finish to give it a new look using **HTML, CSS, JavaScript & Material UI**.
* In Agile Environment, attended daily standup meetings with scrum process for the development.
* Worked on managing, editing, and deleting the site content and publishing.
* Testing of the created pages using JavaScript libraries i.e., **Jest**, **Jasmine, Karma**.

**Environment:** HTML5, CSS3, JavaScript, TypeScript, jQuery, Bootstrap, Node.JS, Angular, Spring, Spring Boot, GIT, Ajax, JSON, REST, MongoDB, Eclipse, Grunt, Gulp, Kubernetes, Docker

**Cox Communications- Atlanta, GA Aug 2020 – Apr 2021**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Worked in **Agile Scrum** environment to finish the tasks given before the deadline.
* Responsible for front-end code testing using **TDD** & unit testing techniques.
* Implemented Spring Dependencies (Core, MVC, Boot) to make our application light weighted.
* Worked with **Angular 2**to develop single page applications, worked with ngrx for managing Angular applications.
* Boot which is radically faster in building cloud Micro-Services and develops Spring based application with very less configuration.
* Used **Spring** Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for **microservices**.
* Created Front-end Single Page Applications using **HTML5, CSS3, JavaScript, Angular, Flux, NodeJS and Bootstrap, MongoDB.**
* Responsible for overall look and feel of the webpage, implemented dynamic CSS behavior with help of variables, mixins, operators and functions.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by **Angular 2.**
* Configured Web pack to execute linters, magnifiers, pre/post-processors, tests, transpires, etc. based on build target.
* Created the Application using **Node.js libraries NPM, gulp** directories to generate desired view and **flux** to root the URLs properly.
* Took part in setting up the routing configuration using **Angular** router for various views and sub views.
* Worked on creating **Angular** custom pipes to sort the history of various customers through order of date, year and month, ngFor for display of the history of customer details in tables.
* Used **MongoDB** for developing persistence layer and retrieve information with help of **NodeJS** for exposing the data to client-side.
* Involved in building scalable applications using **Node.JS** and used for Heavy DOM manipulation.
* Used **Node.js** as a proxy to interact with **Rest services** and interact with Database.
* Created **JSON** objects on the front end to throw data on the server for storing the data into **MongoDB.**
* Created Typescript reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 2**
* Created Custom Directives in **Angular**, making use of Modules and Filters objects according to the application requirement.
* Performed **CRUD** operations like Update, Insert and Delete data in **NoSQL** database like **MongoDB**.
* Used Middleware**, Redux-Promise** in application to retrieve data from Backend and to also perform **RESTFUL services.**
* Worked with **JASMINE** in testing and Protractor for unit testing angular modules.
* Used **AJAX** to make the service calls from the web page using **jQuery** without performing a browser refresh.
* Worked with package managers **NPM**, Bower and build tools **Gulp, Grunt**.
* Used **GIT** for version control.

**Environment:** HTML5, CSS3, Bootstrap, JavaScript, ES5/ES6, Angular, NodeJS, Redux, Flux, Web Strom, JSP, JIRA, Mocha, GitHub

**Visa - Austin, TX June 2016 – July 2019**

**Role: Full Stack Developer**

**Responsibilities:**

* Strong Hands-on Experience with **React JS, NodeJS, Bootstrap, JavaScript, HTML5, CSS and XML.**
* Experience working with **Node JS** to develop single page along with dynamic web applications.
* Worked with making calls to **APIs** to fetch the data from the backend as JSON response and parse it on the UI for **DOM/CSS** Manipulation.
* Performed Restful routing using **node.js** which submits my form data to the **MongoDB** database.
* Extensively worked on developing the single page application (SPA) using ReactJS and used bootstrap for responsive web design.
* Worked in using **React JS components, Forms, Events, Keys, Router, Animations and Flux concept**.
* Developed user interface by using the **React JS, Flux** for **SPA** development.
* Worked in developing dynamic robust UI screens using **CSS, HTML, XHTML, XSLT, JavaScript, Bootstrap,** and **jQuery.**
* Implemented Server and Client-Side validations using **JavaScript.**
* Client-Side code was written in **React JS** and Server-Side Code were developed using **MVC4**.
* Developed the search engine and performance optimized front-end (**HTML, CSS**, and **JS**) for the application.
* Enhancement of existing application utilizing **JSP**, Created **HTML5** navigation menu that is role-based menu items changes dynamically, derived from the database in the form of **XML**.
* Designed and documented **REST/HTTP** APIs, including **JSON** data formats and API versioning strategy. Developed various reports and charts using HTML Canvas, HTML SVG, D3JS, and SVG by passing JSON objects and arrays as input both for mobile and web applications.
* Experience in using ember.js for making Ajax calls (GET, POST) for triggering or fetching data from **Restful API's** provided by the backend team.
* Installation and configuration of active directory domain controllers, and windows servers.

**Environment**: HTML5, CSS3, ReactJS, Flux, Bootstrap, NodeJS, JavaScript, jQuery, Bootstrap, AJAX, JSON, Unit-Testing.

**Augusta Hi Tech, INDIA July 2014 – May 2016**

**Role: Java Developer**

**Responsibilities:**

* Developed UI pages using **HTML, DOM, CSS, JSON, JavaScript, JQUERY** and **AJAX**.
* Worked with product management teams to strategize design solutions, produced navigation flows and prototypes.
* Implemented the project using the **Spring Framework** used Spring IOC and Dependency Injection, Spring MVC
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Used **Spring LDAP** for user security credentials authentication and for validating the User roles.
* Used **JQUERY** core library functions for the logical implementation part at client side for all the applications.
* Used **AJAX** to make the application more responsive and user-friendly.
* Wrote **JUNIT** test cases for testing all spring service calls and **Spring MVC validations.**
* Involved in writing database connection classes for interacting with Oracle database.
* Implemented the Drag and Drop functionality using **JQUERY** framework.
* Used **JQUERY** to traverse through a **DOM** tree and manipulated the nodes in the tree.
* Used **HTML** and **JavaScript** for client-side presentation and data validation on the client side within the forms.
* Developed the application using **JSF** for front end, **Spring** to manage business layer components.
* Written **SQL Queries** to interact with database.
* Used **SVN** for version control for defect tracking.
* Designed the user interface and navigation for the whole web application using **XHTML, XML**.
* Created cross-browser compatible and standards-compliant **CSS-based page** layouts using **CSS** margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and **CSS** behaviors in **CSS** and **CSS3 Background, CSS positioning, CSS text, CSS border**.
* Created Test Plans for **Unit Testing** and **System Testing**.
* Drafted usability evaluation as needed in planning, preparation, and follow up so that each design iteration was evaluated effectively, and at the correct time.
* Debugged the application using Firebug to traverse the documents and manipulated the nodes using **DOM** and **DOM** Functions.

**Environment:** HTML, DHTML, XHTML, CSS, XML, XSL, XSLT, JavaScript, JQUERY, Java, MS SQL Server 2008, SVN.