**Venkateswararao Panidapu**

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**SUMMARY:**

* 9+Years of professional experience in all phases of software development life cycle including **requirements analysis, Applications design, Development, Integration, Installation**, **Implementation,** and **testing.**
* Strong experience in developing web applications using **HTML, CSS, JavaScript, REST API, JSON, Angular JS, React.js, Grunt.js, Gulp.js, Redux, Node.js and Ajax**.
* Strong experience in using JavaScript libraries like **jQuery** and **jQuery UI.**
* Extensively worked on UI Frameworks such as **ReactJS.**
* Extensively used **ES6** and getting familiar with newer versions of **ECMA script (ES Next).**
* Extensive Knowledge in developing single-page applications (SPAs) using various JavaScript frameworks like **angular.js and bootstrap**.
* Extensive experience in writing lightweight **Node JS** express server, and using technologies like **AJAX, JavaScript, jQuery, JSON** to make connections between server and databases.
* Proficient in Model View Control **(MVC)** design pattern and Test-Driven Development **(TDD).**
* Expertise in maintaining websites, software and understanding and modifying existing code.
* Experience in implementing Component life cycle architecture, store actions, reducers in **React-Redux** projects.
* Expertise in **Restful, SOAP** web services to integrate between Applications to Application.
* Experience in CSS3 pre-processors such as **SASS, LESS** to optimize the cascading style sheet and allow mix-ins, variables, and hierarchical structure in CSS file.
* Designed the table less web applications using CSS (2.1/3) and with the help of tags as per W3C standards.
* Expertise in analyzing the DOM Layout **Document Object Model (DOM)** and **DOM Functions**, JavaScript functions, Cascading Styles across cross-browser using **Fire Bug, Developer Tool Bar.**
* Good understanding of using **AJAX** and **JSON** to process response data from **RESTful API’s** and web services for updating UI.
* Experience in using OOP languages like **Java** and related frameworks like **Hibernate, Spring**. Familiar with **Spring MVC**.
* Strong experience creating **RESTFUL Web Services** to serve data to the front-end application in **JSON** format.
* Excellent experience in databases like **Oracle, MySQL, PostgresSQL.** Experience in **NoSQL/MongoDB.**
* Extensive experience in using **SVN, GitHub, Eclipse,** and **NetBeans tools**.
* Experience in creating test suites using **jasmine** and worked on tools like **Grunt**.
* Proficient in using Unit.js testing framework along with **Jest, Protractor test runners.**
* Experience in working with **CI/CD**, used **VSTS** for **CI/CD.**
* Experience in deployment platform and coordinating code builds promotions using **Jenkins** and **GitHub.**
* Expertise in working **in Agile (Scrum), Waterfall methodologies**, experience using **JIRA** as an agile task management, issue tracking, and bug tracking.
* Expertise in using source code control systems such as **GIT, Bit Bucket** and **SVN.**
* Experience in Operating systems like **Windows, Linux,** and **MAC OS.**
* Experience building secure, highly scalable, and flexible systems using **AWS cloud services** like **EC2, Auto-scaling** and **VPC.**

**TECHNICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | HTML, HTML5, CSS3, SASS, JavaScript, AJAX, J Query, JSON, Bootstrap, React JS, Express JS, Node.js, GitHub, JAVA, J2EE, polymer.js |
| **Development tools** | Eclipse, Web Matrix, Web Strom, Bonita, Sublime, Dreamweaver, and Notepad++ |
| **Debugging tools** | Firebug, Chrome Developer Tools, and Visual Studio debugger. |
| **Frameworks** | React JS, Node JS, Angular. |
| **Servers** | IBM Web Sphere, Apache Tomcat, BEA Web Logic 8.1, J Boss, HTTP Web Server. |
| **Database** | MONGO DB, Oracle 8i, 9i, 10g, SQL Server 2000, 2005 & 2008; IIS 6.0/7.0 |
| **Frond End Tools** | Dreamweaver, Adobe Photoshop CS5, Illustrator |
| **Languages** | C, C++, JAVA, MySQL, C#, web Services, Python, |
| **Cloud Platforms** | Azure, Google Cloud Platform (GCP) |

**PROFESSIONAL EXPERIENCE:**

**DISH TV, California Jun 2022– Present**

**Sr. React Js developer**

**Responsibilities:**

* Working with React hooks 17.0.2 where we can use states and all the working logic in functional components.
* Involved in various stages of Software Development Life Cycle like Application, Design, Development, and Debugging.
* Integrating with UX designers and discussing about wireframes using FIGMA.
* Used TypeScript for making better codding and handling compile time error.
* working with latest REDUX Hooks like Use Selector and Use Dispatch for to connect the state with the components.
* working with FORMIK for form validation.
* Used components such as React Router, Axios, Redux-form, React Material UI, Components, Ag-Grids.
* worked with Redux mock Store to mock the store for test cases.
* Used ES6 syntax and upgrading the react native apps regularly to make the stable version of apps.
* Handled all the Error Handling Scenarios in Application and Errors from API.
* Implemented page routing with the use of React-Router to create a Single Page Application (SPA) for quick, responsive pages and dynamic navigation through the menu.
* Worked on providing and consuming information from Web API.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Refactored error message handling design by implementing react native alert dialog resulting in potential decrease of user input errors by more than 50%.
* Worked thoroughly with JSON objects to perform RESTful operations and created user validation forms to verify valid data is being passed to the database.
* Implemented Custom directives and utilize isolated scope to increase code reusability and factory and services for dependency injection.
* Worked with Jest and react testing library for unit testing.
* Tested NodeJS/Express based Web API using Postman to verify functionality.
* Secured session validation with the use of JSON Web tokens.
* Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka Cluster.
* Involved in implementing and creating the unit test cases to using React-Jest.
* Utilized GitLab as the source control Manager.

**Environment**: HTML5, CSS3, Material UI, Styled Components, TypeScript, React, Redux, Flex, Web Strom, JIRA, Jest, RTL, Node JS, GitHub, and Jenkins.

**Client: TIAA – TX Nov 2020 – May 2022**

**Role: Sr. UI Developer**

**Responsibilities:**

* Involved in various phases of the **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis, and Code development.
* Worked on highly advanced user interface design and development **using Angular 13, HTML, Bootstrap, and CSS3.**
* Designed and implemented **client-side validations** using Angular **reactive forms** and **custom validators** to ensure data accuracy and consistency.
* Integrated third-party libraries and plugins into **Angular 13** project, such as **ng-bootstrap**, **ngx-charts**, and **ngx- translate**, to enhance functionality and improve development efficiency.
* Worked with backend developers to **integrate Angular 13 applications** with **RESTful APIs** and **microservices**, and to define and document API contracts and data models.
* Utilized **AWS S3** for storing static assets and media files.
* Leveraged **AWS API Gateway** to manage **API endpoints** and ensure secure communication.
* Used **frameworks** like **Jest/Cypress/ Postman** test frameworks for test cases and testing.
* Created **a Responsive Web Design (RWD)** interface that caters to different screen sizes.
* 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**.
* Developed and implemented **Route Auth Guards** in Angular applications to ensure proper user authorization and **role-based access control** for accessing screens and performing operations.
* Configured the **guards** to allow or deny access to specific screens and components based on the user's role and permissions.
* Creating **custom interceptors** to handle **authentication**, **authorization**, **error handling**, and **logging.**
* Upgraded the project from **Angular 13** to **Angular 15** using tsconfig.json to increase the boot speed of the application.
* Skilled in leveraging **CSS animations** and **transitions** to enhance user experience and create engaging interactive elements using preprocessors such as **SCSS, Sass, and Less**.
* Utilized **Selenium** Grid to execute parallel tests on different browser configurations, optimizing test execution time and improving overall testing efficiency.
* Create interactive prototypes using tools like **InVision**, allowing stakeholders to visualize and provide feedback on user flows and interactions.
* Involved in design and implementation of secure and scalable endpoint architecture using **AWS API Gateway**
* and **Lambda**, ensuring data privacy and integrity for sensitive user information within the web application.
* Worked with **Spring Boot**'s caching mechanisms, improving application performance and response times.
* Implemented **Docker** containers to encapsulate **microservices**, enabling easy deployment and scalability.
* Collaborated with cross-functional teams to define and refine **microservices** architecture and design.
* Utilized **Junit** and **Karate** for **unit testing** and BDD-style API testing, ensuring robustness and reliability of the system.
* Used **Adobe Photoshop, Illustrator, Sketch, InVision, MS Visio,** and **Figma** to create high-fidelity designs, wireframes, and prototypes.
* Used **Jenkins** for continuous integration and to automate, build, and deploy the application to higher environments.
* Actively participated in **code reviews** and provided constructive feedback to other developers.
* Participated in day-to-day meetings, status meetings, strong reporting and effective communication with project manager and peers as part of **Agile scrum methodology**.
* Communicate effectively with team members, stakeholders, and end-users to gather requirements, provide updates, and resolve issues.
* Used **Confluence** is a collaboration and documentation tool used by teams to create, share, and collaborate on projects and documents.
* Used Version control system **Bit Bucket and Tortoise Git** as code repositories and JIRA for bug tracking and issue tracking.

**Environment:** HTML5, CSS3, Angular 13, Material UI, Ag-Grid, Bootstrap, JavaScript, GIT, Responsive Design, NgRX, Python, Java, Jest, Cypress, Karma, Karate, Cucumber Postman AWS, JIRA, Confluence, MYSQL, Java, Web Services, and VS Code.

**Verizon - Tampa, FL May 2018 – Oct 2020**

**UI Developer**

**Responsibilities:**

* Worked on an **Agile (Scrum) Development Team** to deliver regular updates to business team and project managers.
* Designing and developing the Commercial Business Portal using Angular 8 along with HTML5, CSS3, JavaScript, jQuery, Bootstrap and Type Script.
* Used React JS components for handling Events, Forms across multiple modules involving Keys, Router and flux models to achieve faster responsiveness.
* Implemented different styling components across application modules using Bootstrap, CSS, Styled Components, SASS, Inline JSX styles, Styles-JSX, React Native Web, Material-UI for enhancing user interface, responsiveness, and styling.
* Developed cross-browser/platform using HTML 4/5, CSS 3, and JavaScript to match design specs for complex page layouts while adhering to code standards.
* Worked on React JS Virtual Dom, react views and rendering UI using different custom HTML Tags components.
* Involved in different lifecycles of application development that meets accessibility of web browser.
* Implemented different aspects of React JS by creating interactive UI's supporting One-way data flow, Virtual DOM, JSX concepts.
* Involved in mobile application (Android and IOS) development using React Native for different platform compatibility.
* Implemented flux pattern by using redux framework as a core dependency.
* Responsible for UI and architecture by building components using libraries including Tree, Slide-View, and Table Grid.
* Used Twitter-Bootstrap for enhancing different selection controls like drop down menus, toggles and search bars on client-side application interface.
* Used Restful web services calls POST, PUT, DELETE and GET methods for backend communication for application integration.
* Implemented various UI interfaces modules using JS and predefined components from NPM (Node Package Manager) and Redux library.
* Used React JS for templating for faster compilation and developing reusable components.
* Involved in integration of web services and the SQL database at the back end for application communication and storing the user data.
* Used Local Storage to store & retrieve insensitive user data during transition between the different pages and components within the application.
* Developed ReactJS applications by completing stories in timely manner while maintaining best practices outlined by the team lead.
* Troubleshoot issues with cloud services, vendors, and open-source projects and
* Have involved in AWS to integrate the server side and client-side code.
* Responsible for making application more versatile by implementing different concepts supporting dynamic page rendering using AJAX, JSON and jQuery.
* Creating e2e test suites for all components and modules to ensure the workflow of the application as per the business requirements.
* Worked with JASMINE unit test framework to write unit tests for JavaScript code.
* Handled cross browser/platform compatibility issues on different platforms (IE, Firefox, and Safari).
* Used JIRA to keep track of bugs to reduce downtime, increase productivity, and improve communication.

**Environment:** **ReactJS, Redux, JavaScript (ES6), jQuery**, GIT,**Angular 8, Bootstrap, Ajax**, JSON, HTML5, CSS3, Oracle database, Eclipse, Kubernetes, SASS, Inline JSX styles, OOP, FLUX, Twitter Bootstrap, SASS, Material UI, Grunt.

**Sonata Software, India Jan 2016 – Dec 2017**

**UI Developer**

**Responsibilities:**

* Design the strategy and developing Unit testing by using jest & enzyme for testing Native components and Sinon.js for testing Actions and Reducers (Unit testing).
* Turn set of business requirements and wireframes into fully functioning system components and web code using **HTML, CSS, JavaScript, React JS, Redux, TypeScript**
* Write **CSS3** style sheets to give gradient effects. Developed page layouts, navigation and icons.
* Created **Responsive Web Pages** using **Bootstrap** and also Media queries to support various smart devices.
* Created dynamic UI pages and components using **JavaScript** and **React JS**
* Developed Header and Footer of web app as a UI component in **ReactJS**
* Build stable **React components** and stand-alone functions to be added to any future pages
* Used **React-Router** to turn application into **Single Page Application**
* Used **React Resolver** for server-side rendering so that we can define data requirements for components and will handle the nested, async rendering on both the server and client.
* Worked in using **React JS components**, Forms, Events, Keys, Router, Animations and Flux concept.
* Maintained states in the stores and dispatched the actions using **Redux**.
* With the help of **React Typescript** Developed a custom email builder, where user can drag and drop and create their custom email template
* Implemented the Drag and Drop functionality using **React-Draggable**
* Used **React-Autocomplete** for creating google maps location search on the webpage Added Excel-Builder to download the Tabular data in Excel format using react.
* Work with **Snapshot** testing in Jest for Redux reducers and API calls.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Working on tools like **Grunt, Gulp and Jenkins**
* **NodeJS** for heavy **DOM** manipulation.
* Developed server-side**JavaScript**using **NodeJS**.
* Involved in writing application level code to interact with **APIs**, **RESTFul Web Services** using **AJAX, JSON**.
* Working on **Search Engine Optimization** tactics
* Work with **Snapshot** testing in Jest for Redux reducers and **API calls**.
* Used **Google analytics** reports, optimized the page load time for the pages that had heavy traffic and improvised those pages using CSS.
* Used **JSON** for storing and exchanging information between browsers and servers.
* **JIRA** is ticketing tool used for work tracking, issue tracking and product management
* Utilized various **jQuery plug-in** to build Rich Internet Application (RIA) to make it look more intuitive.
* Developed and performed test cases using **jasmine** and **Karma** in the unit test and used **protractor** and **Http-server** for the **End2End** testing.
* Experience in using **GitHub**, a Gitrepository hosting service.
* Working with **offshore team** also, to explain business requirements and assign tasks

**Environment:** HTML5, CSS3, JavaScript, jQuery, AJAX, ReactJS, Redux,AngularJS, Angular2, Typescript, NodeJS, RWD, XML, DOM, JSON, Jasmine, SASS, Grunt, Firebug, GIT and Eclipse IDE.

**Hexa Technologies, HYD-India May 2013 – Dec 2015**

**Web Developer**

**Responsibilities**:

* Participated with end users and business analyst to understand the business requirements.
* Designed and developed the login portal using framework **Angular 2** along with **HTML5, CSS3 and Type Script.**
* Created Typescript reusable components and services to consume **REST API's** using Component based architecture provided by **angular 2.**
* Implemented HTTP requests using Rxjs Observable library to handle multiple values over time.
* Worked with diverse team of product owners and UX designers in fast paced environment, with quick iterative cycles.
* Implemented **Angular** Router to enable navigation from one view to the next as user performs application tasks.
* Used Gulp as the build task runner to build and package the application.
* Involved in writing application level code to interact with **APIs, Web Services using AJAX, JSON and XML.**
* Written unit test scripts for controllers, filters and services using **karma and Jasmine.**
* Expertise using **WCAG 2.0** Technical Standards for Web Accessibility.
* Extensively used NPM and Bower to manage java script dependencies.
* Used Web pack to build **Typescript modules**.
* Extensively used Gulp and Bower to manage daily development.
* Developed the pages that are complaint to W3C standard.
* Experience in accessible analysis, design, and testing.
* Responsible for quality assurance of finished websites including the validation of web forms and links.
* Updated the website from time to time for special Requirements.
* Created reusable templates and style sheets based on UI standards and guidelines; Performed functional tasks using specifications and wireframes.
* Extensively used Debugging JavaScript using Chrome developer Toolbar, Jet Brains Web Storm.

**Environment**: HTML/HTML5, CSS/CSS3, SASS, Bootstrap3, Typescript, Angular 2, jQuery, AJAX, JSON, Responsive Web Design, Gulp, Bower, NPM, Jasmine, Karma, IIS, Fiddler.