# GOPICHAND JONNALAGADDA

# UI Developer/Frontend

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**PROFESSIONAL SUMMARY:**

* Professional 10+ years of experience as a Front-End Developer in developing User Interfaces (UI) for Web Applications by using **HTML/HTML5, DOM, CSS/CSS3**, Bootstrap JavaScript, **ES6, jQuery, Ajax, JSON, ReactJS, Angular JS**.
* Experience in all phases of **SDLC** like Requirement Analysis, Implementation, and Maintenance, and extensive experience with **Agile** and **SCRUM**.
* Expertise in developing web pages using **HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript, React JS, Redux, jQuery, JSON, Node.js, Ajax, JQUERY Bootstrap.**
* Capable of integrating with CSS frameworks like MUI for enhanced UI design.
* Extensive knowledge in developing **single-page applications (SPAs).**
* Experienced in UX design and prototyping for creating intuitive user interfaces.
* Skilled in responsive design and coding for cross-device compatibility in enterprise application development.
* Top of Form
* Expertise in creating user Interfaces for Mobile/Tablet/Desktop using **HTML5** & **CSS3.**
* Good experience customizing CSS frameworks like Bootstrap using CSS pre-processors **LESS or SASS** and Compass.
* Expertise in implementing easy-to-use Bootstrap plugins for building carousels, accordion, modal windows, etc.
* Utilized **Babel to transpire modern JavaScript (ES6+)** to ensure compatibility with older browsers.
* Implemented custom **Babel configurations to support TypeScript** integration within the project.
* Expertise in analyzing the **Document Object Model (DOM) Layout**, DOM Functions, JavaScript functions, and Cascading Styles across cross-browser using Firebug, and Developer Tool Bar.
* JSX and React.js for creating interactive UI using One-way data flow, **Virtual DOM, JSX**, and React Native concepts.
* Expertise in React Component for **UX-Library** consisting of Buttons, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
* Expertise in creating Templates, Mockups and Prototypes, Web Interfaces, Layouts, and Flow of Future Pages.
* Developed and executed automated test scripts using **Selenium WebDriver**.
* Implemented Page Object Model **(POM)** to enhance test maintenance and reusability.
* **Integrated Selenium with TestNG/JUnit frameworks** for comprehensive test coverage.
* Expertise in React JS framework to develop the **SPA.**
* Expertise in using React JS components, Forms, Events, Keys, and Router, plus Redux, **Animations, and Flux concepts**.
* Proficient in implementing interactive UIs using **Asp.Net MVC, HTML5, CSS3, jQuery, JavaScript, Angular 8** or higher, and Bootstrap. Experience in crafting visually appealing and user-friendly interfaces.
* Created and maintained **BDD (Behavior Driven Development)** test scenarios using Cucumber.
* Utilized **Puppeteer for headless browser** automation and web scraping tasks.
* **Developed wireframes and prototypes** using tools like **Sketch, Figma, or Adobe XD** to visualize and iterate on design concepts, incorporating feedback from stakeholders and users.
* **Advocated for user-centric design principles** within the organization, educating team members and stakeholders on the value of UX and promoting a user-first mindset.
* Experience working with **Redux architecture using complex Object-Oriented concepts** to improve the performance of websites.
* Experienced working with **Node.JS** and NPM modules like **HTTP-server, Marathon**, inquirer, path, mongo DB, Micro Services, Request, Elastic Search, express, **luck, spark, and templating engines.**
* Proficient in utilizing **TypeScript to develop robust, scalable, and maintainable applications**.
* Extensive experience **leveraging TypeScript's static typing features to catch errors early** in development, resulting in more reliable codebases.
* Skilled in utilizing advanced **TypeScript features such as interfaces, generics, and decorators to streamline development workflows and enhance code readability**.
* Hands-on experience building serverless applications using **AWS Lambda functions**, and effectively integrating them with **AWS services** such **as SQS, SNS**, and **DynamoDB**.
* Proficient in designing, deploying, and managing cloud-native solutions on **AWS, ensuring high availability, scalability, and security.**
* Well-versed in utilizing **Node.js** to develop server-side applications and **RESTful APIs**.
* Proficient in leveraging **Node.js's** asynchronous, event-driven architecture to build high-performance and scalable backend systems.
* Demonstrated ability to conceptualize and build scalable web applications using Angular and **Web Forms/MVC 5.0 framework in .NET & ASP.NET environment.**
* Three years of hands-on experience in **Azure DevOps, demonstrating expertise in deploying, monitoring, and managing applications on the Azure platform**. Skilled in leveraging **Azure DevOps** for continuous integration and continuous deployment **(CI/CD) pipelines.**
* Familiarity with tools such as **Adobe Suite and Photoshop for design tasks** and content management systems for efficient content creation and management.
* Experience in Node environment using **Node.js, NPM, Grunt, Gulp, and Groovy Bower.**
* Expertise in **RESTful, SOAP web services** to integrate between Application to Application.
* Expertise in using bug tracking tools like **JIRA, HP Quality Center**, and **Bugzilla**
* Expertise in **using IDE** tools such as **Notepad ++, Web Matrix, Eclipse, Sublime Text Editor, IntelliJ Idea, and Web Storm**
* Five years of practical experience using **Python 2.7** and above, showcasing proficiency in scripting, automation, and backend development tasks.
* Ability to work effectively while working as a team member as well as individually.

**TECHNICAL SKILLS:**

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| **Web Technologies** | JavaScript, jQuery, WFRIA3, Bootstrap, React.js, React JSX, Angular 8/9/11/12/17, Express.js, Node.js, HTML5, CSS3, Bootstrap, XML, JSO, D3.js, handlebars, ASP.Net, C#, Django, Laravel, Sequelize, Mongoose, Java, Contentful, Graphql queries, VueJS, XSLT, WCF, TFS |
| **Databases** | MongoDB, Firebase, MS-SQL Server, MYSQL, Oracle, PL/SQL |
| **Webservers** | GitHub Pages, Heroku, Apache Tomcat, Sass, and less |
| **IDE Tools** | Eclipse, Visual Studio Code, JetBrains IntelliJ, CSS frameworks, sublime Text, WebStrome |
| **Testing, Debugging, Event Tracking Tools** | QTP, Firebug, Lighthouse, JIRA, Jest, Jasmine, Mocha, CSS framework,MVC 5.0, Selenium, Cucumber. |
| **Configuration Management Tools** | SVN (Subversion), GitHub, Azure DevOps, Karma, NPM, Grunt, OCI, Yarn, Webpack, Gulp |
| **Operating Systems** | Windows98/XP/7/8/10, Vista, Linux, Mac OS |
| **Programming Concepts** | OOPS, UML, MVC Architecture, AJAX, Typescript, Java |

**PROFESSIONAL EXPERIENCE:**

**Client: CVS Health, Irving, TX August 2022 - Till Date**

**Role: React JS Developer**

**Responsibilities:**

* Designed the front-end applications, and user-interactive (UI) web pages using web technologies like HTML, XHTML, and CSS.
* Developed web pages using client-side scripts JavaScript and jQuery for functionality and pop-screens and ads.
* Designed and developed a web part of the application using REDUX and REACT frameworks.
* Designed React Native components and higher-order components.
* Developed native modules for use inside the React native project.
* Used OAuth as a secure authorizing tool and implemented authorization on web services.
* Implemented the Drag and Drop functionality using React-Draggable.
* Built applications and new components using Typescript.
* For code review and validation, SonarQube is used.
* Created interactive components, screens, and features for the mobile app using React Native.
* Created Typescript reusable components and services to consume REST APIs
* Designed a Graphical User Interface using React, jQuery, Redux, NodeJS, HTML, JSP, and CSS.
* Used React-Router to turn the application into Single Page Application.
* Extensively worked on single-page applications using React JS, and Node JS.
* Designed multi-browser compatible pages using HTML5, CSS3, jQuery and JavaScript.
* Used various Adobe tools to improve image quality.
* Implemented **OCI's** load balancing and auto-scaling features to enhance application performance and reliability.
* Leveraged Oracle's robust security measures to protect sensitive data and resources within the project environment.
* Azure DevOps, demonstrating expertise in deploying, monitoring, and managing applications on the Azure platform. Leveraging **Azure DevOps** for continuous integration and continuous deployment (CI/CD) pipelines.
* Implemented **OCI's** load balancing and auto-scaling features to enhance application performance and reliability.
* Hands-on experience with cloud platforms **like AWS-Amazon web services and Microsoft Azure.**
* Conducted user research to gather insights into target audience behaviors and preferences, utilizing surveys, interviews, and usability testing methods.
* **Conducted A/B testing** and user testing sessions to validate design decisions and optimize user experiences based on real-world feedback.
* Developed advanced **GraphQL queries** and mutations to support complex data retrieval needs in healthcare applications.
* **Performed heuristic evaluations and usability audits** to identify usability issues and opportunities for improvement in existing products or prototypes.
* build scalable web applications using Angular and **Web Forms/MVC 5.0 framework in .NET & ASP.NET environment**. Skilled in guiding projects from conception to production.
* Managed and maintained infrastructure on **OCI** to ensure seamless deployment and operation of applications.
* Managed working with AWS resources in the cloud and maintained Continuous Integration and Continuous Deployment.
* Worked with various single-page JavaScript applications.
* Gathered the requirements of the client and built an application.
* Code Reviews for every Screen and new functionality.
* Implemented spinner for the whole application in one place using Redux.
* Implemented **HTTP to** call backend services.
* Used Jenkins for continuous integration.
* Responsible for fixing bugs and adding new features to the existing website.
* Engaged in working with Agile software management scrum for weekly sprints and standup calls with Jira for tracking and Agile process of flow.

**Environment:** React.js version 16.5, React Native, Typescript, Node JS, HTML5, CSS3, JAVA, JavaScript, JSON, jQuery, AJAX, Typescript, LESS, REST, Restful, UDDI, SQL, SonarQube, Agile Software Management.

**Client: Cisco Systems Inc., San Jose, CA October 2020 - July 2022**

**Role: Sr. UI Developer**

**Responsibilities:**

* Digital Catalog is an effort in line with the digitization journey at Cisco, to put in place a Single Source of Truth for all the Supply Chain data definitions and the associated information to any such data. Information about the Data Entity Group, Data Entity, and Element about each Business Function is readily available here. Digital Catalog aims to bring IT and Business to the common ground concerning data and its associated objects.
* It is a single place to manage and discover data, SOR or SOT, and associated APIs in the Supply Chain.
* Used NPM for installing required node modules and other published Angular NPM modules.
* Angular 12.0 is a Component Driven Architecture.
* Worked Extensively with Angular CLI to create components, Services, pipes, and Directives.
* Updated the application with new features of Angular 9.
* Designed and developed the application using Angular12 framework along with HTML5, CSS3, TypeScript, JavaScript, Bootstrap, Node.js, NPM, Mongo DB.
* Moved existing AngularJS controllers and services to Angular 12 components for more responsiveness and less dependency.
* Enhanced legacy applications by building new components in Angular 12 and typescript.
* Developed single-page applications using Angular 12, Typescript, web pack, and grunt.
* Hands-on Experience with Angular 12 technology for one complete project in rebasing the UI of the application using the techniques in Angular 12.
* 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.
* Developed and performed test cases using Jasmine and Karma in the unit.
* Involved in Build release management.
* Working closely with business users to understand the requirements.
* Performing code merging, and code review using Git, GitHub, and Source tree.
* Involved in agile software methodologies using TEST DRIVEN DEVELOPMENT(TDD).
* Used JIRA to keep track of bugs to reduce downtime, and increase productivity, and Communication.
* Working with the offshore team also, to explain business requirements and assign tasks.

**Environment:** HTML5, CSS3, JavaScript, jQuery, AJAX, Angular9/12, Typescript, NodeJS, RWD, JSON, Jasmine, SASS, Grunt, Firebug, GIT and Visual Studio Code IDE.

**Clint: American Express, Phoenix, AZ November 2018 - September 2020**

**Role: Sr. UI Developer**

**Responsibilities:**

* Design develop and test React.JS web application that meets accessibility and web browser standards.
* The application was developed using Agile Methodology, which included iterative application development, weekly Sprints, and stand-up meetings, Followed by Rally for tracking processes, and streamlining Agile planning.
* Developed application in Angular 10 with TypeScript and implemented RXJS (reactive extension) for using Observable sequences to allow async data streams with out-of-the-box RXJS operators in the NGRX platform.
* Responsible for the 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 APIs using Component-based architecture provided by Angular 9.
* Implemented Angular 9 inbuilt directive for angular lifecycle checks and for adding conditionals Confidential template level.
* Created in-house directives for reusability and allowed 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 the click event stream and to associate it with data streams, which can be used Confidential at the time of subscription.
* Handled data from multiple streams to maintain the sequence and their dependencies by using the RXJS operators.
* Implemented the NGRX store to maintain the state of the application. NGRX store was used to store results after the angular injector observable retrieved the data from the backend.
* Added logic to dispatch the action to the 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 components 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 the 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.
* Leveraged DOM-level event observables via custom directives to manipulate interaction between sibling components.
* Utilized angular material wherever deemed necessary to configure in-house widgets styling.
* Integrated Adobe Analytics into an Online platform allowing for seamless integration and custom tagging options for analytics tracking and reporting.
* Understand all aspects of Adobe Analytics (Site Catalyst) implementing tags, SCode, plug-ins, server call types, cookies, Site Catalyst variables, Link Tracking,
* Continues Integration and Continues Delivery (CI/CD) using Circle CI that enhances automated and accelerated product release processes leading to on-time and frequent product releases.
* Node Package Manager (NPM) is used for managing dependencies in our Angular 9 application.
* Implemented OAUTH 2 (Rest service authentication) in our application to communicate securely with other protected resources by exchanging access tokens for authentication.
* Worked with Jest for Unit testing and Cypress for end-to-end testing.
* Deployed and hosted the application on Amazon web service (AWS).
* Used Azure DevOps to keep track of bugs to reduce downtime, increase productivity, and communicate.

**Environment:** HTML5, CSS3, SCSS, Flexbox, JavaScript, Typescript, Angular 9/10, Angular-CLI, RXJS, JSON, Observables, Node JS, Angular Material, NGRX Platform (Store, Effects, Router-Store, Store-Devtools), NPM, Jest, Cypress, Adobe Analytics, GIT, Visual Studio Code, .NET, REST API, Swagger, DOM, Bit bucket, Circle CI, Auth0, AWS, Azure DevOps, Confluence.

**Client: Lollypop Design Studio, India January 2016 - August 2018**

**Role: UI/UX Developer**

**Responsibilities:**

* Turn a 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 Media queries to support various smart devices.
* Created dynamic UI pages and components using JavaScript and React JS
* Developed the Header and Footer of the 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 handle the nested, async rendering on both the server and client.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concepts.
* Maintained states in the stores and dispatched the actions using Redux.
* With the help of React Typescript Developed a custom email builder, where users 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, and Restful Web Services using AJAX and 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 a ticketing tool used for work tracking, issue tracking, and product management.
* Utilized various jQuery plug-ins to build a 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 Git repository hosting service.
* Working with offshore team also, to explain business requirements and assign tasks.

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

**Client: Value Labs, India May 2014 - December 2015**

**Role: Front-end Developer**

**Responsibilities:**

* Developed user interface by using React JS, and Redux for SPA development and implemented client-side Interface using React JS.
* Interacted with the Testing Team, Scrum Masters, and Business Analysts to fix Issues.
* Worked on React JS Virtual Dom and React views, rendering using components that contain additional components called custom HTML tags.
* Involved in designing applications by building reusable UI Components. Used JSX and created react components.
* Used React JS Components, Forms, Events, Keys, and Router as part of the project.
* Designed CSS templates for use on all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Responsible for the Style, look, and feel of the web page with SASS that extends CSS with dynamic behavior such as variable, mixing, operations, and functions.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Worked on responsive design and developed a responsive website that could be served to desktop, Tablet, and mobile users using React.js.
* Maintained states in the stores and dispatched the actions using redux.
* Implemented the Drag and Drop functionality using React-Draggable.
* Developed user interface by using React JS, and Flux for SPA development.
* Component for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown, and many more.
* In Phase Two, worked closely with the Back-End team to display data using the Custom Components, library Components, and Redux.
* Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform.
* RESTFUL services.
* Monitoring the offshore work and providing technical help to the offshore team for their JIRA tickets.
* Developed the application using VS code.
* Implemented react JS code to handle cross-browser compatibility issues in Mozilla, IE 7, 8, 9, and Safari.

**Environment:** HTML5, CSS3, jQuery, DOM, JavaScript, React.JS, Bootstrap, RESTful, SOAP, JSON, Node.JS, High charts, AJAX, Jasmine, Karma, JSP, Grunt, LESS/SASS, JUNIT, JIRA, GIT.