## Name: Digvijay Naidu Madhavarapu.

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**Professional Experience**

* **Over 10 years of experience in developing user interface applications using React, Redux, Angular Node.js, Typescript, JavaScript, jQuery, AJAX, Bootstrap, HTML5, CSS3, Less, Sass.**
* Expert in Web Developing using **HTML5, CSS3, AJAX**, Object oriented **JavaScript, jQuery, JSON, XML, Bootstrap, Node JS, React JS, Redux, C#, Microsoft Dynamics CRM.**
* Expertise in React JS framework to develop Single Page Applications.
* Implementing many directives from **Angular2/4/5/6/7/8/10**/**11/12/13** to create all the functionalities related to the user interface, creating models and controllers with the help of JavaScript.
* Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Implemented **React.js** flux based page updates using React fetchers, state mutating actions and stores.
* Experience in building reusable components using React JS, React Router, Redux and in-house HOC for handling complex data flow and user input validation.
* Built custom feature sets and **API’s** using **Node.js** and Mongoose drivers to store and retrieve data from MongoDB.
* Worked on Node.js with Async module methods like **waterfall, parallel** and **series.**
* Created client website running on a Node.js, using the Express framework, Jade, AngularJS and Backbone.js for front-end MVC/templating.
* Experience in implementing **AWS** solutions using **EC2**, **S3**, **RDS**, **EBS**, **Lambda, Elastic** **Load Balancer**, **Auto-scaling** groups.
* Hands-on experience with Mobile First and Responsive web apps using **Bootstrap.**
* Used Kubernetes to orchestrate then deployment, scaling, and management of **Docker** Containers
* **AWS Lambda** is an event-driven, serverless computing platform provided by Amazon as a part of **Amazon Web Services**. It is a computing service that runs code in response to events and automatically manages the computing resources required by that code.
* Developed **RESTful APIs** utilizing Express.js for offline support, request, and response caching.
* I have a good knowledge of building animated screens in Android and IOS using Node.
* skills in using TypeScript for web development, including front-end frameworks such as Angular, React, or Vue.js. Highlight specific projects where you used TypeScript to build scalable and maintainable web applications.
* Worked with SQL and NoSQL databases like **MySQL, Oracle 10g 11g, MongoDB and Firebase.**
* Experience in working with IDEs and tools like **Eclipse, WebStorm, VS code, Atom, Robo Mongo and Git bash.**
* Excellent profound experience in cross platform application development and maintenance with PHP development under **Linux so, windows and Mac.**
* Worked with **Waterfall, SCRUM, Agile Methodologies** and have experience in **Test Driven Development** (TDD).
* Vue is a **progressive framework** for building user interfaces. Unlike other monolithic frameworks, Vue is designed from the ground up to be incrementally adoptable.
* Developed GUI **using JavaScript, HTML, AJAX, CSS,** and **jQuery** in ongoing projects.
* Experience in Unit Testing and E2E Testing using **Jasmine, Karma, and Protractor**.
* Worked on Continuous Integration tools like **Jenkins**.
* Proficient in using **JIRA** for Product Development and Workflow Management.

**Technical Skills:**

|  |  |
| --- | --- |
| Web Technologies | HTML, HTML 5, Cascading Style Sheets (CSS), CSS3, XML, JavaScript, jQuery, Angular2/1.x, NodeJS, ReactJS, React Native, ECMASCRIPT6, JSON, AJAX, Grunt & Gulp |
| Languages | Java, C, C++, Python |
| IDE | Visual Studio Code, EclipseIDE3.6, Sublime, Net beans, Adobe Dreamweaver, Atom. |
| Web/App Servers | Apache Tomcat, WebLogic, WebSphere |
| Operating Systems | Windows, Mac OS X (Lion), Linux. |
| Wire Frame Tools | Adobe Illustrator CS3, Microsoft Visio |
| Version Control | GIT, SVN, CVS |
| Databases | MySQL, Oracle11g, MS-Access, SQL 0.99, PL/SQL. Server. |

# **Client**: **Citi Bank, Irving, TX** **August 2023 to Till Date**

# **Role:** **Senior UI Developer**

# **Responsibilities:**

* Experienced Frontend Developer with a focus on creating robust and user-friendly applications.
* Proven expertise in coding front-end screens, unit testing, performance improvement, defect resolution, and requirement gathering.
* Dedicated to delivering high-quality solutions and enhancing user experiences.
* Highly skilled UI Developer with over Ten years of hands-on experience in the field.
* Specialized in React and Angular frameworks, with a strong emphasis on React.
* Proficient in Node.js, Webpack, CSS, and TypeScript.
* Proven ability to take ownership of the entire end-to-end development process, ensuring high-quality code and efficient project delivery.
* Experienced in Agile methodology, L3 support, and a commitment to continuous learning.
* Played a key role in the development of the Azure Communication Services project, a chat application designed for effective client communication.
* Developed and implemented front-end screens, ensuring a seamless and visually appealing user interface.
* Utilized technologies to create responsive and dynamic screens.
* Conducted thorough unit testing to identify and rectify bugs, ensuring the reliability of the application.
* Strong knowledge of frameworks like Express.js for building robust and efficient web applications.
* Experience with NoSQL databases, such as MongoDB, for data storage.
* Familiarity with front-end technologies (HTML, CSS, JavaScript) and their integration with Node.js.
* Collaborated with the testing team to address issues and streamline the testing process.
* Actively contributed to performance improvement initiatives, optimizing code, and enhancing application responsiveness.
* Played a crucial role in defect resolution, troubleshooting and resolving issues promptly.
* Collaborated with cross-functional teams to identify root causes and implement effective solutions.
* Actively participated in requirement gathering sessions, collaborating closely with stakeholders to understand project needs.
* Translated gathered requirements into actionable development tasks, ensuring alignment with project goals.
* Implemented best practices to ensure the application meets high performance and scalability standards.

**Project:**

**Azure Communication Services (Chat Application)**

* Led the development of a chat application using Azure Communication Services for client communication.
* Successfully coded front-end screens, conducted unit testing, and implemented performance improvements.
* Resolved defects promptly, contributing to the overall reliability and user satisfaction of the application.
* Played a key role in requirement gathering, ensuring the project aligned with stakeholder expectations.

**Environment**: React, Angular, Html, JavaScript (ES6+), TypeScript, Node.js, Webpack, CSS, Agile, Jenkins, CI/CD, GIT, JIRA, Test Driven Development (TDD).

# **Client: -7-Eleven, Houston, TX March 2022 to July 2023**

# **Role: - Senior Front-End Developer**

**Responsibilities:**

* Designed the Front-end applications, And Mobile Application As well for user interactive (UI) web pages using web technologies like **HTML5, CSS3, Es6 JavaScript, React JS** and **React-Native/Redux Saga**.
* Worked as a Front-End Developer on the project with **JavaScript, ES6, React, Redux Saga, RESTful services, HTML 5/CSS3/SASS/Bootstrap** and **Gitlab**.
* Implemented **Redux Saga's** with actions and reducers to implement a sync **API call**.
* Made use of **redux** saga middleware to access **redux** application state and dispatched **redux** actions.
* Develop and test HTML5, CSS3, jQuery and React JS-RMERN that meets accessibility and web browser standards with a focus on consistency and reusability.
* Experienced with implementing different features Bootstrap.
* Worked on the layout and color scheme of the web site and implemented CSS.
* Extensively used all the new HTML5 features like local storage, new input attributes, Canvas and SVG, audio and video.
* Designed and developed the agent portal using framework **Angular 2/4/5/6/8/10/11/12/13** along with **HTML5**, **CSS3**, and **Typescript**
* **Implemented client-side interface using MERN.**
* Responsible for React UI and building components library, including Tree, Slide-View, Table Grid.
* Develop various screens for the front end using React JS and used various predefined components from **NPM and MERN library**.
* Skilled in using ES Lint for code quality and best practices in React Native
* Successfully implemented Auto Complete/Auto Suggest functionality using AJAX, jQuery, Web Service call and JSON.
* Experienced Node.js developer with hands-on expertise in designing, implementing, and maintaining scalable web applications.
* Proficient in Node.js and JavaScript for server-side development.
* Involved in writing application level code to interact with APIs, web services using AJAX, JSON and XML.
* Used SCSS nesting to improve the readability and organization of complex stylesheets, resulting in faster debugging and code maintenance
* **Next.js** is used in tens of thousands of production-facing websites and web applications, including many of the world's largest brands.
* Next.js is React Based framework with server-side rendering capability. It is extremely fast and SEO friendly. Using **Next.js,** you can create robust react based applications quite easily and evaluate them.
* Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances.
* Designed and implemented **REST/HTTP APIs using Express JS**, including JSON data formats and API versioning strategy.
* Used Re AJAX calls (such as GET, PUT, POST) to transmit or fetch data from RESTful APIs. Which were created and provided by back-end team.
* Creating a Responsive web application for user interactions and integrating Twitter Bootstrap with **React-MERN and media queries**.
* Designed and implemented a responsive user interface using Angular Material and Bootstrap, resulting in an increase of user engagement.
* Worked with SQL database to store and retrieve application data in Xamarin Native application.
* Developed user interfaces and implemented business logic using Vue.js for web applications.
* Vue is a **progressive framework** for building user interfaces. Unlike other monolithic frameworks, Vue is designed from the ground up to be incrementally adoptable.
* Vue is better for building complex web apps than react.
* Used SASS, **Native Base**, Inline JSX styles, CSS, Styled Components, Styles-JSX, **React Native** Web, Material-UI, Grommet, and Bootstrap for styling the components.
* Strong critical thinking skills with ability to identify and fix issues in vue.js applications.
* Created automated pipelines in AWS Code Pipeline to deploy Docker containers in AWS ECS using services like CloudFormation, Code Build, Code Deploy, S3 and puppet.
* Familiarity with UI/UX design principle and ability to closely with designers to create visually appealing and user-friendly apps.
* Used **ReactJS** to build the UI components, developed filters to display different dimensions of data and font size modifiers.
* Used **jQuery**, **Ajax** for service calls on pages to interact with the server for information. Rapid prototyping of design concepts.
* Used ReactJS to abstracts away from the DOM function, giving a simpler programming model and better performance.
* Implemented architectural and component front-end architecture with **ReactJS** app client.
* Developed various screens for the front end using **ReactJS** and used various predefined components from **NPM** (Node Package Manager).
* Used **GIT** bash commands to clone the project from bit bucket.
* Worked with open-source libraries based on **ReactJS** for efficient and expedited project delivery.

**Environment:** HTML, CSS, bootstrap, Angular JS, **React.js, React JSX**, **Express.js, Node.js**, Ajax, Heroku MySQL Server, Sequelize, Contently, Graph Ql queries, Xamarin, Xamarin Native

# **Client: -USAA, San Antonio TX Jun 2021 to Feb 2022**

# **Role: - Senior UI Developer**

**Responsibilities:**

* Responsible for client-side UI Validation and implementing Business logic based on user selection using JQUERY, **Angular 2/4/6/8/10/11/12.**
* Developed the front-end web page by using HTML5, CSS3, and jQuery, taking advantage of the framework Bootstrap.
* Used Responsive Web Design templates to meet innovative technology requirements.
* **Worked on google places API – third party integration.**
* Work involving uploading files to S3 Buckets – third party integration.
* **Worked on setting up SSO auth guard service.**
* Worked on Cross-Browser compatibility and fixed bugs for several browsers.
* **Used Spring/MVC framework to enable the interactions between JSP/View layer and implemented distinctive design patterns with J2EE and XML technology.**
* Participated in day-to-day meetings, status meetings, strong reporting, and effective communication.
* Utilized SCSS variables and mixed to streamline stylesheet development, resulting in more efficient and readable code.
* Good Experience in architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
* Collaborated with designers and front-end developers to create visually appealing and functional user interfaces using SCSS.
* **with project manager and developers in an Agile environment.**
* Responsible for coding, testing, and documenting various procedures, and functions for libraries.
* Integrated Vue.js with APIs to retrieve and display data from backend services.
* Utilized Vue to manage state and facilitate communication between components.
* stored procedures, which were commonly used by different modules.
* Designed web pages and used applications that meet business and user goals through a positive user.
* Emphasize knowledge of Webpack's module bundling capabilities. Discuss how you have utilized features like code splitting, dynamic imports, and tree-shaking to optimize bundle sizes and improve application performance.
* Experience in JIRA.
* **Participated with QA team in bug thrashing sessions to discuss and resolve bugs that were reported.**
* Developed an application using HTML, CSS3, Bootstrap, **Angular JS in a Test-Driven Development (TDD) Environment.**
* Worked with source version control tool Bitbucket to manage the code repository.
* Worked in consuming web applications developed via REST/SOAP based APIs.
* Implemented Model-View-Controller (MVC) architecture using Angular Framework.
* Experience with Android app development lifecycle, including publishing apps to the Google Play Store.
* Deep knowledge of iOS and Android platform APIs, allowing seamless integration of native features and functionalities into Xamarin Native applications.
* Experience with iOS app development lifecycle, including publishing apps to the App Store.
* Understanding of Apple's Human Interface Guidelines for designing user interfaces

**Environment:** Agile, HTML, CSS (2/3), XHTML, **JavaScript, jQuery**, AJAX, XML, JSON, Bootstrap, SPA, **Angular 8**, Components, Ng Modules, Services, Dependency Injection, and decorators, RESTful APIs, MVC, Firebug, Jasmine & karma, GIT, JIRA, Test Driven Development (TDD).

# **Client: -Charter Communications- ST louis, MO July 2019 to May 2021**

# **Role: - UI Developer**

**Responsibilities:**

* Responsible for the overall layout design, color scheme of the web site using HTML, XHTML, CSS3 and RWD and Responsible for creating detailed wire frames and process flows.
* **Followed the AGILE methodology to implement the application.**
* **Converted mock-ups into hand-written HTML, CSS (2/3), XHTML, JavaScript, jQuery, AJAX, XML and JSON.**
* Established pages using CSS3 to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
* Made enhancements to existing CSS and DIV tags, made upgrades using Twitter Bootstrap model.
* **Performed client-side validations using JavaScript.**
* Used JavaScript to make dropdown menus on web pages and displayed part of a web page upon user request.
* **Created reusable TEMPLATES and style sheets based on UI standards and guidelines.**
* **Developed Single Page Application (SPA) using Angular 6 Framework.**
* Used **Angular6** as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Knowledge in UI Architecture design using Angular6 COMPONENTS. Thorough understanding of core concepts like Ng Modules, Services, Dependency Injection, and decorators.
* Coding, testing of reusable JavaScript, CSS3, HTML5 / libraries for complex UI controls.
* **Implemented 3Legged OAuth Authentication mechanism for client-side authentication to generate appropriate Auth tokens using Spring Boot, Rest Webservices as core technologies. Used Spring Annotations for configuring XML files which guide the creation and injection of beans.**
* Developed internal **Microservice** end points and evaluated them with Postman.
* Interacted with the back-end staff and scrum master at the daily meeting for new features in this web app using Agile software development methodology.
* Used Angular Http Request to read data from web servers and process JSON data to render in the UI.
* Skilled in integrating Xamarin Native apps with backend services and RESTful APIs, utilizing libraries such as HTTP Client and JSON serialization to fetch and process data.
* Used AJAX module to HANDEL RESTful calls to enable communication between view components and servers.
* Worked with AJAX data consisting of JSON/XML/JSONP responses, parsing the same and presenting on the UI layer.
* **Wrote jQuery function while implementing various UI Screens across the whole web application.**
* Assisting my team in developing the two different Web-based applications.
* Worked through cross browser compatibility issues with layout and styles and fixed major bugs for supported browsers and platforms.
* Used RESTful APIs which support JSON and XML to access back-end data payload.
* Defined new validations through **Angular** for the Form field validation implemented through HTML5.
* Optimized performance and improved user experience by implementing lazy loading, code splitting, and other Vue.js features.
* Used Vue.js alongside other web technologies, such as HTML, CSS, JavaScript, and popular frameworks or libraries like Bootstrap or jQuery.
* Worked on **Angular6** directives that allow the developer to specify custom and reusable HTML-like elements and attributes that define data bindings and the behavior of presentation components.
* **Involved in the development of presentation layer using ANGULAR and HTML.**
* Debugging applications in different browsers using Firebug, and testing applications using Jasmine/karma.
* Created complex JIRA workflows including project workflows, screen schemes, permission scheme and notification schemes in JIRA.
* Worked with JIRA Tool to keep track of the Bugs/Issues/Features list.
* Knowledge of debugging techniques and tools like Android Studio debugger, logcat, and crash reports.
* Experience with Xcode IDE and Interface Builder.
* Knowledge of iOS app architecture patterns like MVC, MVVM, and VIPER.

**Environment:** SDLC, Agile, HTML, CSS (2/3), XHTML, JavaScript, jQuery, AJAX, XML, JSON, Bootstrap, RWD, SPA, **Angular6**, Components, Ng Modules, Services, Dependency Injection, and decorators, RESTful APIs, MVC, Firebug, Jasmine/karma, GIT, JIRA, Test Driven Development (TDD).

**Client: NATCO Pharma Limited, India Jan 2016 – March 2019**

**Role: UI Developer**

**Responsibilities:**

* Developed the application using HTML5, CSS3and **Angular JS**.
* Responsible for designing and developing the UI wizards that map to business processes using AngularJS, Bootstrap.
* Used components such as UI-Router, UI- Bootstrap, angular-growl, ng Touch, ng Material, angular-confirm.
* Experience in developing single page applications (SPA) using **AngularJS, using various angular modules like UI-router**.
* Implemented content switching using **React.js** routing and fetched data through asynchronous cal.
* Designed and Developed React.js based UI framework which wrapper on top of Flux architecture and gulp enhanced workflow.
* Created mock API, which includes all the JSON data in that. There were mock services and controllers written both on the client and server side to dynamically populate the content to the Angular templates from the backend API’s.
* Redesigned the existing website to create new user interfaces.
* Designed UI Wizards, Wire frames and **Mockups**.
* Each element on the page is created as templates to maintain the modularity and make it reusable for other fields in different states.
* Created CUSTOM DIRECTIVES in **Angular-JS** for re-usable components.
* Created custom filters (like unique-Filter) and services (like user-Services) to reuse them throughout the application.
* Maintained consistency with other teams by getting our code reviewed by the other team tech leads.
* Built custom validations and used **angular** validations before submitting it to backend.
* Extensively used (**Angular Bootstrap**) for animations and pagination on the page, and UI components.
* Resolved Aggressive caching in IE.
* Worked in Cross-origin resource sharing.
* Worked with business users to understand the pitfalls of the system and collaborated with the team to take corrective measures in resolving the issue.
* Responsible for designing and implementing a facade layer for AJAX calls to communicate with backend Java Restful services.

**Environment:** HTML5, CSS3, **Angular JS, React JS**, JSP, Bootstrap, JSON, AJAX, SASS, Mongo DB, Visual Studio, Sublime.

**Client: Pacific Gas and Energy, India Oct 2013 – Dec 2015**

**Role: UI Front End Developer**

**Responsibilities:**

* Developed the User Interactive web pages in a professional manner using web technologies like HTML5, XHTML, CSS3, JavaScript, **AngularJS** as per company's standards.
* **Worked with C-level executives directly and gave the working demonstration to a group of users regarding this application.**
* **Architected the whole project and demoted a POC. Got approval for the project and got a huge budget allocation.**
* Used Redis and Memcached for fast retrieval of data.
* Created whole application using react Js, JSX for view and redux for data flow.
* Configured webpack to create the bundles that serve webserver. Added lines and pre trans pilers that trans pile ES6 to ES5 and SASS to CSS.
* Used react-data-grid to display the data in dynamic grids and react-d3 to show the information on bar group chart.
* **Understanding of web servers like Apache, Nginx.**
* Worked on EXT js and created reusable components like Menu Navigation and Session monitor which was extremely useful in the application.
* **Experienced in using Java Script libraries like jQuery, Angular (2/4/5) and jQuery UI.**
* **Created a node application as a proxy that speaks with multiple backend services, convert the data to JSON and send the JSON response.**
* Used React Hooks to develop UI components that could be reused across the Web Application
* Used node-mailer to send notifications to dev team when the service is down or if there is any critical error.
* Created React JS components and managed States and Props while utilizing ES6 features.
* **Configured and used node Redis as a message queue to send notifications.**
* **Developed a script to create a docker image and deploying the image to specific environments directly from Gitlab.**
* Automated the build process for production, using task runners or scripts.

**Environment:** **React Js, JSX, Redux, Sagas**, Axios, ES6, JSON, react-data-grid, react-bootstrap, react-d3, Node js, webpack, WebStorm, EXT JS.

# **Education:**

**JNTUK- Bachelor of Computer Science (2013)**