Dharmesh Varma Arsam

PROFESSIONAL SUMMARY:
- Overall,7+ years of professional experience in IT industry involved in Analysis, Design, Development, Integration, Maintenance of Web Applications.
- Experienced in working with JavaScript frameworks like ReactJs.
- Experienced in working with different responsive frameworks like Bootstrap/Foundation frameworks.
- Experience in working with React Flux, and Redux architecture using complex object-oriented concepts in improving the performance of websites.
- Experience on working with CSS Backgrounds, CSS Layouts, CSS Positioning, CSS Animations, CSS Text, CSS Borders, CSS Margin, CSS-Flex, CSS Padding, CSS Table, Pseudo Classes and Pseudo Elements.
- Experienced in developing Single-Page Applications (SPAs) using React.
- Experienced in designing and development of Mobile based applications using React Native.
- Experienced in designing and creating REST based API's using Node.JS.
- Experienced in React-Router, Babel, JSX-loader, create-react-app and gulp-react.
- Implemented the React-pdf Highlighter library and customized the entire library for the client business to Annotate the PDF.
- Proficient in working with High charts, D3.js, NVD3, User centered design.
- Reduced process redundancies and learning curves by configuring business rules and transactions to fit each organization's needs.
- Extensive experience on implementing AJAX features using JavaScript and jQuery.
- Used Axios as a JavaScript interface for accessing and manipulating request and response.
- Experience in working with GraphQL queries and use Apollo GraphQL library.
- Experience in using version control and configuration management tools like **GIT** and **GitHub, GitLab** and CI/CD tool JENKINS, Docker, kubernetes for regular Deployment and VMWare for machine use.
- Experience in utilizing cloud technologies including Amazon Web Services (**AWS**), Microsoft Azure Blob and Pivotal Cloud Foundry (**PCF**).
- Wrote React components that implemented GraphQL mutations and queries on requests to the backend.
- Sound knowledge in working with browsers compatibility issues with browsers like IE, Firefox, safari, Opera, Chrome
- Ability to work independently as well as within a team environment. Driven to meet deadlines. Motivated to produce robust, high-performance software.

TECHNICAL SKILLS:

Programming Languages	C, C++, C#, SQL, JAVASCRIPT, TYPESCRIPT & JAVA
.Net Technologies	ASP.NET, C#.NET, VB.NET, WSDL, SOAP, ADO.NET
Web Technologies	HTML, CSS, XML, JSON, XAML, AJAX, XSD
Scripting& Frameworks	JQUERY, Angular 2, BOOTSTRAP, REACTJS, REDUX, REDUX - THUNK, REDUX-SAGA, ANGULAR MATERIAL DESIGN, MATERIAL UI & APOLLO GRAPHQL
Databases	MS SQL SERVER 2008/2012/2014
Web Servers	IIS 7.0/7.5

Operating Systems	WINDOWS, UNIX, LINUX, MAC
Versioning Tool	TEAM FOUNDATION SERVER(TFS), VISUAL SOURCE SAFE(VSS), GITHUB
Testing frameworks	JUnit, Selenium & XUNIT

PROFESSIONAL EXPERIENCE:

Aetna Health Inc, Hartford, CT   **Jan 2020 – Present**
React UI Developer

Responsibilities:
- Worked to deliver regular updates to business team and project managers through an Agile (Scrum) Development Team.
- Worked with the business teams and the backend teams in-order to integrate the services with Frontend.
- Involved in designing the webpages using HTML5, CSS3, JavaScript, Bootstrap, SASS, LESS, Flex, ReactJS and Redux.
- Responsible to Style, look and feel of the webpage with SASS that extends CSS with dynamic behavior such as variable, mixing, operations and functions.
- 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 frontend using ReactJS and used various predefined components from NPM (Node Package Manager) and redux library.
- Worked in using ReactJS components, Forms, Events and Router.
- Responsible for ReactJS and architecture. Building components library, including Tree, Slide-View, and Table Grid.
- Implemented the React-pdf Highlighter library and customized the entire library for the client business to Annotate the PDF.
- Implemented the Dynamic feature for rendering of the fields into the React Components.
- Converted the Dynamic PDF into React PDF by converting it into Base64.
- 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.
- Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the GitHub API through keywords.
- Used Axios as a JavaScript interface for accessing and manipulating request and response.
- Implemented React container and presentational components (as Stateless and Functional components when applicable).
- Used react latest version 16.9 where we have converted the existing class-based components into functional components and used useState for State changes in the components and used useEffect for the component life cycle methods.

Environment: Visual Studio Code, ReactJS, Redux, JSX, AJAX, JSON, Bootstrap, Font-Awesome, SQL and REST Services.

Sam's Club, Bentonville, AR   **April 2019 – Jan 2020**

React UI Developer

Responsibilities:
- Worked to develop Responsive and dynamic User Interface of the Application using React 16.8(Hooks)with Apollo GraphQL.
- Worked with reusable Components and used React-Router - Browser Router for Web.
- Used Apollo GraphQL library to transmit the data from Backend to Front-End and vice-Versa through GraphQL queries and Mutations.
- Implemented the React Hooks concepts into the Application and Utilized the Azure Rest API's.
- Worked intensively with React State and Props for the purpose of transmitting and retrieving data from one component to another.
- Worked with Redux for state management and used Store, Action, Reducers, State immutability and Async actions.
- Developed Date Time Picker using Object Oriented JavaScript extensively.
- Used Material-UI which can easily manipulate modal windows alerts, tooltips, scroll spy, Pop over, button and Type ahead.
- Wrote unit test cases of React components, services using Karma-test-runner and Jasmine
- Handled client-side Validation of the React forms in a robust way and conveyed user-friendly error message if any to the user.
- Worked with Higher Order Components (HOC) using React to have reusable code for the authorization and redirection of the Page.
- Used Axios as a JavaScript interface for accessing and manipulating request and response.
- Created responsive web design using CSS Grid, Flexbox, CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Padding, CSS Table, Pseudo Classes, Pseudo Elements and CSS Behaviors in CSS.
- Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Opera, Firefox, Google Chrome, and Internet Explorer.
- Worked with UI designing with Font-Awesome Icons, Material-UI, JavaScript, and jQuery scripting technologies.
- Worked with Redux for state management and used Store, Action, Reducers, Redux-Saga, State immutability and Async actions.
- Worked with wiring up the components with the Redux and Redux-Saga.
- Implemented routing for all the components developed. created and injected reducers and sagas in store.
- Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
- Called the Restful web services calls for POST, PUT, DELETE, and GET methods.
- Experience in using version control and configuration management tools like **GIT** and **GitHub** and CI/CD tool JENKINS, Docker, Kubernetes for regular Deployment and VMWare for machine use.
- Worked with utilizing cloud technologies like Microsoft Azure Blob and Pivotal Cloud Foundry (**PCF**).

Environment: Visual Studio Code, React 16.8, Redux, Redux-Saga, JSX, AJAX, JSON, Material-UI, Font-Awesome, Azure Cloud Cosmos DB, REST, Apollo GraphQL, Postman, ReactJS and TypeScript.

Stanley Black & Decker, Towson, MD   **Aug 2017 – April 2019**
React UI Developer

Responsibilities:
- Worked to Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets accessibility and web browser standards for website.

- Implemented React-Redux for managing state and reinforced the logic of having global state and share information among components from single location using React.
- Used Router incorporated in React to navigate through different pages quickly and smoothly.
- Worked intensively with React State and Props for the purpose of transmitting and retrieving data from one component to another.
- Worked in Handling Events and Animations occurred in various React component efficiently in cost-effective manner to gain optimal performance.
- Worked with Redux-Form package in React application to build any kind of complex and custom forms which is not only robust but also user-friendly.
- Handled client-side Validation of the React forms in a robust way and conveyed user-friendly error message if any to the user.
- Worked with Higher Order Components (HOC) using React to have reusable code for the authorization and redirection using React.
- Utilized the immense power of new features of ES6 like Arrow Function, Literals, Promises, Classes and Modules in all the React component.
- Worked on user accounts, creation, update, and deletion in React components implementing CRUD operations.
- Implemented RESTful API to maintain and transmit large block of data over the internet in JSON format.
- Developed UI widgets with React 15 & 16.x features like Fragmentation, Context API and Important breaking changes Worked on component-based architecture in Sitecore and created various components with different JavaScript libraries.
- Applied Bootstrap3 in React components for the styling purpose and implement all the new features for the optimum efficiency of the website.
- Involved in UAT of the applications by providing users with test cases and scenarios and guiding them during the testing process.
- Participated in daily scrums and weekly meetings with the project sponsors to meet expectations and deadlines.

Environment: Visual Studio Code, ReactJS, TypeScript, Redux, HTML, jQuery, AJAX, JSON, XML, SQL Server 2012, REST,

CVS Pharmacy, Pittsburgh   **Oct 2016 – Aug 2017**
React UI Developer

Responsibilities:
- Developed user interface by using the ReactJS, Flux for SPA development.
- Worked on Redux with React to handle large chunks of data for the better performance.
- Familiar with creating Custom Reusable React Components Library.
- Implemented Single Page Application (SPA) using Grommet UI and Material UI.
- Used React-Router to turn application into Single Page Application.
- Worked in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
- Used ReactJS in components like JSX, creating React components, Virtual.
- Implemented AJAX to request JSON data through third party REST APIs to acquire data from the server and display it in sorted order.
- Used ReactJS to build the UI components, developed filters to display different dimension of data and font size modifiers.
- Implemented mapStateToProps, mapDispatchToProps for the interactions between Redux and React.
- Used NextJs for server-side rendering for better performance and for SEO.

- Involved in Data Analysis with JSON data developed Graphs and Pie charts using D3.
- Designed user interface for different modules using HTML5, CSS3, JavaScript to match design specs for complex page layouts while adhering to code standards.
- Generated responsive data tables using with Bootstrap grid system.
- Manipulated data using CRUD operations of MongoDB and handled database access and data transmission based on RESTful web service.
- Developed a single page, mobile-first, cross-device/cross-browser web application for real-time location sharing utilizing ReactJS, JavaScript API.
- Worked on ReactJS Virtual Dom and rendering views using components which contains additional components called custom HTML tags.
- Wrote services to store and retrieve user data from the MongoDB for the application on devices.
- Used GIT tool to keep track of all work and all changes in source code and deployed the applications.
- Worked in JIRA, Confluence for user story tracking processes and streamlining agile planning.
- Implemented NPM and Webpack for generating production script files.
- Wrote extensive unit tests using automated TDD tasks.
- Worked with utilizing cloud technologies including Amazon Web Services (**AWS**).
- Debugging using Chrome Devtool web developer tools on Chrome, Firefox, and Internet Explorer.
- Worked in Agile development following SCRUM process, Sprint, and daily stand-up meetings.
- Involved in bug fixing of various modules in the application that were raised by the client.

Environment: HTML5, CSS3, Agile, JavaScript, AJAX, JSON, XML, Bootstrap 3.0, ReactJS, Redux, React Router, Material UI, Grommet UI, NPM, JIRA, Jest, Enzyme, Webpack, Rest API, MongoDB, AWS, Jasmine, Karma, GIT.

American Family Insurance, Madison, WI   **Jan 2016– Sep 2016**
UI Developer

Responsibilities:
- Designed dynamic and browser compatible pages using HTML5, CSS3 and JavaScript.
- CSS styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
- Developed the Login, Policy and Claims Screens for customers using AJAX, HTML5, CSS3, and JavaScript.
- Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
- Developed responsive applications using Bootstrap which allowed the same application to be optimized for both mobile and desktop resolutions.
- Secured HTTP/Web Sockets requests with JWT and authorization middleware's to prevent security threats
- Used Web socket for publish services for continuous geo-location information updates to Google Maps.
- Worked with RESTful web services to integrate between Server side to Client Side.
- Worked with JASMINE unit test framework to write unit tests for JavaScript code.
- Involved in complete SDLC - Requirement Analysis, Development, System, and Integration Testing.
- Handled cross browser/platform compatibility issues (IE, Firefox, and Safari) on both Windows.

Environment: Visual Studio 2015, C#, CSS, HTML, jQuery, AJAX, JSON, XML , SQL Server 2012, LINQ, WCF, Entity Framework.

Axis Bank, Hyderabad   **Jan 2014– Jan 2015**
UI Developer

Responsibilities:
- Developed User interface using ASP.NET and written business logic using C# Code.
- As part of the development team, developed web interfaces for User module using ASP.NET with extensive features like User Controls, Data grid control, Session state management and XML files to store application configuration constants.
- Presentation layer was developed using HTML, JQuery and CSS.
- Developed Views using HTML, CSS, JQuery and Bootstrap 3.0.
- Use ASP.NET 4.0 Login Control to display user registration forms, login forms, change password forms and password reminder forms.
- Integrated Subversion into Jenkins to automate the code check-out process.
- Developed classes for database access and other business components using C# and ADO.NET.
- Used ASP.NET AJAX extensively for calling Web Services without writing a lot of custom JavaScript code to handle the request and response messages.
- Developed the UI Screens using HTML, XML, Java Scripts, Ajax, JQuery, and CSS. Developed Web Services for obtaining structured data for financial information using JSON and XML.
- Used existing ASP address book component for Email integration.
- Developed client-side validation and dynamic UI using JQuery and Angular JS.
- SQL Server 2012 Enterprise Manager was used to create objects like tables, stored procedures, etc.
- Developed a communication between client and server with the help of .NET Remoting.
- Used Crystal Reports to design and generate reports from a wide range of data sources.
- Implemented Role based security.
- Used N Unit for unit testing of each of the components.

Environment: Microsoft Visual Studio 2012, ASP.NET 4.0, BOOTSTRAP, C#.NET, SQL Server 2012, Ajax 2.0, IIS 7.0, JQuery, CSS, AngularJS, XML, HTML,UML, SSIS and MS-Office

Atrenta Pvt. Ltd, Bangalore, India   **Feb 2012 - Dec 2013**
UI Developer

Responsibilities:
- Functioned as a web-designer/developer to polish and deploy the webpage.
- HTML and CSS used for the purpose of creating attractive UIs with smooth transition between pages.
- JavaScript was used to obtain the efficient functionality of the website with very proficient flow of logic.
- Implemented jQuery for making the application more dynamic and responsive.
- Used Git to centralize the code to obtain version-control and collaboration need.
- Used AJAX for the purpose of fetching and posting data to/from the backend so webpage could stay up to date.
- Handled client-side Validation in a very effective and efficient way to inform and retrieve proper data from the user.
- Followed best practices for the webpage to be SEO friendly website so it could be optimized for search engines.
- Involved in writing SQL queries to operate CRUD operations for maintaining and updating data.

Environment: SQL Server 2008, AJAX, XSLT, XPATH, SQL Server, Visual Studio, CSS, JavaScript.