***Umesh Chandra***

***Sr. ReactJS Developer / UI Developer***

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**Professional Summary:**

* Over 10+ years of Extensive experience as a Senior UI / Front-end web developer in developing and designing user experiences of Internet/Intranet applications using HTML, HTML5, XML, DHTML CSS, CSS3, SASS, LESS, JavaScript, React Js, Redux, ES6, Saga, thunk Web pack, Flex, J Query, JSON, Node.js, Ajax, JQUERY Bootstrap.
* Proficient Front-End Developer effective at developing strong UI that achieve customer objectives. Well-versed in using React, GraphQL, JavaScript, Java as well as other resources to accomplish design requirements. Adaptable Software Engineer ready to support operations from
* Experience in using NOSQL (MongoDB) data models document, key-value & wide column, or graph model.
* Experience in Agile and SCRUM like Requirement Analysis, Implementation and Maintenance, and extensive experience with.
* Experience in using NoSQL (MongoDB) data models document, key-value & wide column, or graph model.
* Leveraged Google Cloud Platform (GCP) for various aspects of UI development, including hosting, backend services, databases, and deployment.
* GCP services, you can build, deploy, and scale your UI applications effectively while taking advantage of Google's infrastructure and managed services.
* Top of Form
* Used GCP Cloud Build for automating builds and deployments of UI application and integrated with GitHub, Bitbucket, and Cloud Source Repositories.
* Used GCP tools like Stackdriver Monitoring and Logging for monitoring the performance and health of the application.
* For storing relational data, you can use
* Used GCP Cloud SQL for storing relational data, i.e. MySQL, PostgreSQL, and SQL Server databases and used GCP features like automated backups, scaling, and high availability.
* Worked on GCP Firebase for hosting web applications.
* Used GCP Firebase for static content hosting and serving, including single-page applications (SPAs) built with React, Angular, and Vue.js frameworks.
* Very Strong experience on AWS web service development, IBM blue mix, Java, NodeJs, JavaScript, Spark, Pig, Hive Python, Docker, Virtualization, Django, shell scripting, bash
* Integrated DynamoDB into the front-end architecture to retrieve and display data dynamically on the user interface.
* Integrated Amazon SQS into the application architecture, facilitating asynchronous communication between the front-end and back-end services.
* Experience in building isomorphic applications using React.js and Redux with GraphQL on server side.
* Experience in building isomorphic applications using React.js and Redux with GraphQL on server side.
* Experience in working with GraphQL queries and use Apollo Grap hQ L library.
* Expertise in implementing easy to use Bootstrap plugins for building carousel, accordion, modal windows etc. Extensive knowledge in developing single - page applications (SPAs).
* Experience in Consumer-based custom features and applications using Python, Django, and HTML.
* Good Knowledge on NODE JS frameworks like Loopback and Express JS.
* Used **Node.js**, **MongoDB** and **node package manager** for installing dependencies and to run the application in a web server in staging environment
* Good Understanding of EMAC Script mainly ES5 and ES6, and JavaScript trans-complier Typescript.
* Built Web pages that are more user-interface using jQuery plugins, AJAX, JavaScript, Node Js.
* Expertise in analyzing the Document Object Model (DOM) Layout, DOM Functions, and Java Script functions, Cascading Styles across cross-browser using Fire Bug, Developer Tool Bar.
* Expertise in React Js and working with React Flux architecture.
* Expertise in building cross browser compatibility applications using Angular.js, Backbone.js, Require.js, Ext JS and JQuery UI.
* Behavioral and Integration testing is done using Cucumber and Selenium, respectively.
* Used AWS Cloud-formation templates to create resources like DynamoDB, RDS, S3 buckets in the different environments.
* Expertise in Web API using Node JS and hosted on multiple load balanced API instances.
* Experience with middleware's using Redux-Thunk, Redux-Saga, Redux-Logger, Universal React
* Expertise in React Js framework to develop the SPA.
* Experience in React Js Libraries like redux thunk, redux saga. Experience with modern build tool chains, like JavaScript frameworks/technologies such as Express.js, React.js, MobX or Flux.js.
* Experience in working with React JS, React Flux, and Redux architecture using complex object-oriented concepts in improving the performance of websites.
* Expertise in creating Custom Reusable React Components Library Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites Experience in using React Js components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Contributed to the development of an event-driven architecture by utilizing SQS for handling and processing events triggered by user interactions.
* Good Experience in React Js for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Expertise in using Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
* Experienced in 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.
* Experience in Node environment using Node.js, NPM, Grunt, Gulp, and Groovy Bower.
* Knowledge of utilizing cloud technologies including Amazon Web Services (AWS), Expertise in RESTful, SOAP web services to integrate between Application-to-Application Experience with front-end development with back-end system integration.
* Proficient in using Unit.js testing framework along with Jasmine, Karma, Protractor, Mocha test runners Expertise in using bug tracking tools like JIRA.
* Experience in Version Control tools like GIT, SVN for Source Code version management.
* Experience in Jenkins. Extensive working experience with Axios, mobx, Lodash, and Nextjs.
* Experience working with GIT and SVN for software configuration.
* Experienced AWS and Azure cloud platform.
* Experience in Unit Testing frameworks like Mocha, Chai, and Jasmine Integration Testing and in preparing test cases.

**Technical Skills:**

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| --- | --- |
| **Web Technologies** | HTML5, CSS3, SASS, JavaScript, Typescript, React, Redux, JQuery, JSON, Material UI, React JS, Reduct JS, Express JS, Node.js, GraphQL |
| **IDE’s** | Eclipse, Visual Studio Code, Notepad++, WebStorm, Sublime. |
| **Debugging tools** | Firebug, Chrome Developer Tools. |
| **Operating systems** | Linux - Ubuntu, Mac OS, Windows. |
| **Servers** | Apache Tomcat, JBOSS, WebSphere, WebLogic. |
| **Version Control** | GIT, SVN. |
| **Build Tools** | Jenkins |
| **Database** | MYSQL, MongoDB. |
| **Testing Tools** | Jest, Enzyme, Karma, Mocha |
| **Cloud** | AWS, SQS, SNS, GCP, AZURE |

**Professional Experience:**

**United Airlines: Houston, TX August, 2023 – Present**

**Role: Sr. ReactJS Developer / UI Developer**

**Responsibilities:**

* Developed and maintained RESTful APIs using Node.js and Express.js to handle server-side logic for web and mobile applications.
* Utilized MongoDB and Mongoose for data modeling and database management in Node.js projects.
* Experienced in using AWS services such as EC2, S3, and CloudFront for cloud-based deployment of Node.js applications.
* Worked on adding new fields in the schema with GraphQL and fixing few bugs in the same area.
* Responsible for front-end development using React, CSS, and various Node modules.
* Strong focus on React-Native, React, iOS, ES6, CSS, Webpack, and Node.js.
* Evaluated and extensively tested React, ExtReact, and Redux.
* Developing Single Pages Application using HTML5, CSS3, Bootstrap, React Async Await, GraphQl, Express.js, NodeJS
* Developed an internal application using ReactJS, Next.js, Express, and NodeJS for Relationship managers.
* Used Google Cloud Platform (GCP) services App Engine, Compute Engine.
* Used GCP Cloud Functions to host web applications and serve UI content.
* Used GCP App Engine for deployment and scaling of web applications for UI development.
* Integrated GCP seamlessly with frontend frameworks and libraries like Angular, React and Vue.js for building interactive user interfaces.
* Worked on GCP (Google Cloud Storage) for storing static assets HTML, CSS, JavaScript, images, for the UI.
* Worked on hosting static websites directly from GCP Cloud Storage buckets.
* Research JavaScript-based frameworks like React Native and Ionic/Cordova for the front end.
* Worked on React JS Virtual Dom and React views, rendering using components that contain additional components called custom HTML tags.
* Involved in using React JS components, Forms, keys, Events, Routers, Animations, and Flux concepts.
* Integrated JavaScript libraries (jQuery, React - Bootstrap, High charts, Data tables.)
* Created React.js / Redux front-end UI, and Node.js applications for backend.
* Leveraged React.js resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Maintained Parent and child elements by using State and Props in React.js.
* React and Functional Driven JavaScript expert in SPAs, UI Components, Mobile web, and Performance optimization.
* Skilled in leading frameworks such as React.js to build high-quality, scalable, and reusable components and Front-end solutions.
* Created a custom filter in React.JS in the application.
* Used services to read data from a remote server using React.JS.
* Written Nova, Glance Neutron python client API to integrate with existing application.
* Worked with WebSocket protocol and Socket.IO library to implement real-time, bidirectional communication between client and server.
* Familiarity with Docker and containerization for efficient deployment and scalability of Node.js applications.
* Collaborated with backend developers to establish communication channels between front-end components and microservices using SQS.
* Understanding of cost optimization strategies for EKS clusters and associated AWS resources
* Implemented authentication and authorization using OAuth 2.0, JWT, and Passport.js.
* Proficient in using npm package manager and integrating third-party libraries into Node.js projects.
* Worked with CI/CD pipelines using tools such as Jenkins and AWS Code Pipeline to automate the testing and deployment process of Node.js applications.
* Collaborated with backend developers to integrate DynamoDB with GraphQL, optimizing data fetching and reducing over-fetching of unnecessary information.
* Strong knowledge on working with GraphQL schema, queries and mutations to interact with Mongo DB and several other data layers.
* Good knowledge on working with Apollo client to interact with GraphOL server.
* Implemented serverless architecture using AWS Lambda to reduce infrastructure management overhead and increase scalability.
* Interacted with GraphQL server by writing mutations and queries by using the Apollo Client.
* Created GraphQL schema and queries to interact with Mongo DB database.
* Developed web application using MongoDB, Express, React / Redux, Node JS and GraphQL.
* Performed AngularJS end-to-end testing using Protractor framework and Integration testing methods and Behavioral driven are implemented using Selenium and Cucumber respectively.
* Involved in design and development of GraphQL and services to interact with data storage layer.
* Created Debian package to deploy python code on different production machines.
* Implemented error handling strategies and retry mechanisms in the front-end code to gracefully handle scenarios where SQS messages might fail to process initially.
* Coded user-customizable applications to convert raw data from design engine to easily understandable graphical formats.
* Using Bash and Python included Boto3 to supplement automation provided by Ansible and Terraform for tasks such as encrypting EBS volumes backing AMIs.
* Familiarity with TypeScript and its use in Node.js projects to improve code maintainability and scalability.
* Developed web applications using React with Typescript, Node.js, and SCSS, and implemented Jest test cases to ensure quality code.
* Implemented semantic HTML tags and CSS selectors to improve website accessibility and maintainability.
* Developed and implemented a CSS reset to ensure consistent website styling across different browsers.
* Proficient in the box model and knowledgeable about how to reset to border-box and implement flexbox for flexible layouts.
* Knowledge of strategies for scaling EKS clusters and optimizing the performance of containerized applications running on them. This includes horizontal and vertical scaling, auto-scaling configurations, and performance tuning of Kubernetes components.
* Responsible for building API frameworks Partners. -Part of teh API design team and responsible for teh design common gateway interface using python and thrift API.
* Experienced in responsive web design principles, including the use of media queries to adapt to different screen sizes.
* Strong hands-on experience with JSX, JavaScript fundamentals including ES6, and version control tools like Git - GitHub, Bitbucket, and GitLab.
* Worked on a payment data store (PDS) that provides a 360-degree view of payment transactions across multiple payment rails.
* Setting up the build and deployment automation for Terraform scripts using Jenkins. Provisioned the highly available EC2 Instances using Terraform and Ansible Playbooks.
* Managed AWS infrastructure as code using Terraform. Used Terraform scripts to Automate Instances for Manual Instances that were launched before.
* Worked on data ingestion flow to capture payment data from payment processing systems like GFX and WSS using Kafka and Event bridge Sink connectors.
* Developed and maintained PDS APIs, including Create, Update, Get, Reserve Correlation ID, Delete, and Search APIs.
* Familiarity with different deployment strategies such as blue-green deployments, canary deployments, and rolling updates in Kubernetes, and how to implement them effectively on EKS
* Used NodeJS, ExpressJS to create server-side API with MongoDB.
* Designed and implemented payment data persistence using Lambdas and a PDS database.
* Developed and maintained unit tests using Jest and Mocha for efficient and effective testing of Node.js applications.
* Experienced in debugging and profiling Node.js applications using tools such as Node Inspector and Chrome DevTools.
* Created entire application using Python, Django, Sqlite3 and Linux and provided expertise in FIX protocol development, socket programming, SQL and messaging infrastructure to accomplish all tasks utilizing Core Java and Spring development skills.
* Implemented queries and mutations in the front-end to interact seamlessly with DynamoDB via GraphQL.
* Contributed to open-source Node.js projects on GitHub and actively involved in the Node.js community.

**Environment**: React.JS, Redux, Axios, ES6, React HOC, React, GCP, Async Await, React Promises, Saga, GraphQL, Thunk, JWT, Typescript, Amazon Web Services (AWS), Java script, HTML5, CSS, Ajax, Bootstrap.JS, SCSS, CORS, WCAG, XSS, SASS, LESS, MySQL, MongoDB, Rest, Node.JS, Express.JS, Micro services, Visual Studio

**Workday: Atlanta, GA Feb, 2021 – July, 2023**

**Role: Sr. UI Developer/ React JS 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, HTML5/CSS3/SASS/Bootstrap and Gitlab.
* Utilized the AWS SDK for JavaScript to interact with SQS from the front-end, ensuring secure and authenticated communication with the Amazon Web Services infrastructure.
* 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.
* Created a lambda function to stop and start the instance in AWS in non-business hours to save the cost to organization.
* Extensively used XML and RESTful Web Services to retrieve and send data from different applications. Built Kubernetes environment deployed via terraform. Built AMIs with packers.
* Worked with Selenium and Jasmine for writing unit test cases along with functionality and integrated test cases.
* Worked in designing, developing, and testing the web application by using the HTML5, CSS3, SASS, LESS, Bootstrap, and React.JS.
* Utilized DynamoDB's features to enable offline data access in the front-end application, ensuring a seamless user experience even in low or no connectivity scenarios.
* Involved in designing web pages using HTML 5, XHTML, CSS3, JavaScript, React.js, Redux, React-Bootstrap, Node.js, express.js, Mongo DB.
* Used Azure components like Service Bus implements a communication system between
mutually interacting software applications, Message Queues, Redis Cache to supports
data structures such as strings, hashes, lists with range queries.
* Developed authentication and authorization for both applications leveraging Azure Single
sign-on.
* Worked with Azure Service Bus on disconnected call communications where needed in
the code.
* Used Azure SQL API extensively for database lookup for appropriate data that is
requested by the UI.
* Written Azure Functions for self-triggered timer function to invoke the API calls.
* Involved in designing the user experience interface UI/UX strategy, UI requirements,
converting into UI designs.
* Developing Azure PaaS services like WebApp, API App, Web Job, Logic App, Function
App, Storage Queue, Service Bus Queue, Azure SQL.
* Leveraged SQS to implement concurrency and parallel processing in the front-end application, optimizing the handling of multiple tasks simultaneously.
* Worked in designing the CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Worked in frameworks such as React.js to build high-quality, scalable, and reusable components and Front-end solution.
* Used express framework to set up middleware to respond to the HTTP requests with the help of Node Js.
* Developed, Configured, and consumed Web Services in C#.
* Designed and coded Win Forms using C#, .NET.
* Used express framework to set up middleware to respond to the HTTP requests with the help Node JS.
* Used JavaScript and .NET Validation Controls for performing client-side validations.
* Developed user interface by using the React HOC, Flux/Redux for SPA development.
* Used React Observables to create custom components for data manipulations and to display data in company standard format.
* Worked on JavaScript framework (Angular JS, Node JS) to augment browser-based applications with MVC capability.
* Designed layouts on the front-end and developed web pages responsive for smart phones, tablets and Personal desktops using HTML5, CSS3, Bootstrap, jQuery, React HOC, Redux & React Promises.
* Implemented React-Router, React Redux architecture, ES6, web pack and Grunt to turn application into Single Page Application.
* Enhanced the React Observables with Redux, React-router and Redux-thunk.
* Used Redux-Thunk as middleware to manipulate the data type and handle multiple actions.
* Revamping and rewriting front-end using react js, redux, saga, webpack.
* Developed user interface by using the React JS, Flux for SPA development.
* Developed data pipelines and various machine learning algorithms.
* Developed presentation layer using XML, XSL, GitLab JavaScript, CSS, JSP, JSTL, Custom tags etc.
* Delivered mobile app for book reading capability with HTML5 Sencha and online services with Flash/Flex.
* Developed unit test cases in Python and Objective-C for other API calls in the customer frameworks.
* Implemented back-end Web API with the use of MongoDB, ExpressJS, and NodeJS and established connectivity with the use of Axios.
* Implemented event-driven mechanisms to respond to changes in DynamoDB data.
* Designed and built interactive and efficient UIs using React JS as a JavaScript library on two major versions of React JS i.e., React JS 16 and React Js 15.
* Experience with Ansible and Terraform for infrastructure automation. Proficiency in writing SQL queries Created database using MySQL, wrote several queries to extract data from database using ETL and ELT tool (SSIS).
* Elegantly used React-Router techniques Axios service to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
* Used Babel.js to transpile ES6 and JSX into JavaScript
* Used Web pack, Babel, and gulp for transpiration (compilation) configuration for Typescript to be converted to JavaScript.
* Implemented unit and integration testing for all layers of the applications using frameworks like JUnit, Spock, Mocha, Jasmine.

**Environment**: React.JS, Redux, Axios, ES6, React HOC, React Observables, React Async Await, React

Promises, Saga, GraphQL, AZURE, Azure Service Bus Explorer, Azure Storage Explorer, Azure Data Studio, Azure Application Insights, Thunk, JWT, Typescript, Java script, HTML5, CSS, Ajax, Bootstrap.JS, SCSS, CORS, WCAG, XSS, SASS, LESS, Java, MySQL, Mongo DB, Rest, Node.JS, Express.JS, Micro services, Visual Studio

**Molina Healthcare: Long Beach, CA Oct, 2019 – Jan, 2021**

**Role: Sr. UI Developer/React JS Developer**

**Responsibilities:**

* Involving all the stages of Software Development Life Cycle like Application Design, Development, Debugging and testing the applications.
* Designed the front-end applications, user interactive (UI) web pages using web technologies like HTML, XHTML, and CSS.
* Web designing & development using HTML5, CSS3, JavaScript, React JS and Ajax.
* Developed React JS pages, Web services calls, and AJAX calls for the application.
* Used React JS in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Used React JS in components like JSX, creating React components, Virtual.
* Participated with end users and business analyst to understand the business requirements.
* CSS styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
* Worked on Front end by using JavaScript.
* Developed a complex single page application for handling Cisco certification exams using Angular 2 and Typescript.
* Create develop and test environments of different applications by provisioning Kubernetes clusters on AWS using Docker, Ansible, and Terraform
* Developed user interface by using the React JS, Flux for SPA development.
* Implemented client-side Interface using React JS.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Build React components and stand-alone functions to be added to any future pages.
* Experienced in React JS and working with React architecture.
* Working with React Router for developing Single Page Applications SPAs.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Implemented a website workflow using Angular and Typescript.
* Implemented the Drag and Drop functionality using React-Dragable
* Extensively used Redux Sagas to manage side effects in React and Redux.
* Used Redux Thunk Middleware, in application to retrieve data from Back-End and to also perform RESTFUL services.
* Created Typescript reusable components and services to consume REST API’s using component-based architecture provided by Angular 2.
* Introduced redux-thunk and Immutable.js as additional libraries to support ReactJs application.
* Worked with Axios and Lodash libraries for Ajax calls and utility functions respectively.
* Involved in processing JSON data from RESTful web service by using Axios to get resources from the database and populated data on the UI and used Redux-Saga as middleware.
* Used Axios to fetch the data by consuming the Rest API.
* Implemented a POC to pick a state management tool between Redux and MobX.
* Used ReactJs and MobX for front end development.
* Used NextJs for server-side rendering for better performance and for SEO.
* Developed certain features of the application functionality i.e., CRUD (Create, read, update, delete) features using Express JS, Node JS and Firebase.
* Used React Router Redux to store the route parameters in the redux store.
* Solved Callback hells in Node.JS by using Promises and Generators from ES6 resulting in unchaining of events and making the code efficient.
* Implemented JavaScript source code and embedded nested handling logic using jQuery event handlers and call back functions, es6.
* Developed a bulletin board module for supplier and vendor information portal. Application included forms to upload notification documents to the Supplier bulletin and maintenance of documents, complete with CRUD capabilities and email notifications.
* Extensively used Reactjs, D3. Js, under score.js, Node JS and lodash.js for JavaScript object and array manipulations.
* Used Saga Middleware, Redux-Promise in application to retrieve data from Back-End.
* Worked on Redux for state manipulations and Redux Saga to implement API requests asynchronously.
* Used Middleware, Redux-Saga in application to retrieve data from Back-End and to also perform RESTFUL services.
* Designed and implemented server-side RESTful web services using Node JS and handled communications to the client side (React JS) using JSON.
* Utilized Bootstrap and to develop a reactive website from a static JavaScript, Node JS, Bootstrap, Semantic UI,RESTful API, jQuery existing code base.
* Developed semantic markups and Wireframe development.
* Developed portions of HTML5-based game for use in an online gambling promotion.
* To manipulate the data type and handle multiple actions, uses Redux-Thunk as middleware.
* The Redux-Thunk middleware was used with the Redux store to retrieve contract data via a REST ful API implemented on the backend in Node.js and Mongo DB. All development was done on Mac OS and the source code was managed via GIT.
* Used Node.js to run Web pack tasks and build properly the project.
* Developed forms using HTML and performing client-side validations using Chrome Dev Tools.
* Configure MONGODB Sharded cluster with Replica Set (HA) on Different AWS regions.
* Developed test cases and performed unit testing using JUnit.
* Have broken down the application into multiple angular modules for simplicity purposes and have done unit tests using Jasmine.
* Used Babel, Sonar Qube and react JSX presets.
* Scrum, Agile, AWS, Jenkins, Docker, Kubernetes, JSON, XML, Jira, Linux, Hipchat, JSLint, Ionic, Cordova, iOS, Android

**Environment**: React.JS, Redux, ES6, Redux, Typescript, Javascript, HTML5, CSS3, Ajax, Bootstrsap.JS, Angular.JS, WCAG, XSS, CORS, SASS, LESS, Java, Oracle, MYSql, REST, Node.JS, Chrome DevTools, Visual Studio, Sublime Text, Grunt, Gulp, Nginx, Github, Chai Selenium, Jasmine, Used **Ecma Script, React JS, Flux, Babel, Node** and **Web-Pack** to create a SPA.

**Bank of America: Charlotte, NC June, 2018 – Sep, 2019**

**Role: - UI Developer/React JS Developer**

**Responsibilities:**

* Developed SPA using React JS to utilize the HTML5 DOM features and update elements that are modified in the webpage.
* Developed Web Pages by using HTML5, CSS, jQuery, JavaScript and using JavaScript frameworks.
* Built the Responsive UI screens using HTML 5, CSS 3 and twitter Bootstrap.
* Responsible for converting designed mock-ups to HTML pages using HTML5, CSS and jQuery.
* Designed Frontend within object- oriented JavaScript libraries like React.js.
* Used React JS for building compostable and reactive user interfaces.
* Implemented various screens for the front end using React.js and Redux library.
* Used React-Router to turn application into Single Page Application.
* Experience in React JS and working with React Flux architecture.
* Extensively involved in User Interface designing using Web forms and Win forms.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Involved in building stable React components and stand-alone functions to be added to any future pages.
* Used Redux for the higher order decoration for wrapping each component with UI state and actions.
* Massive re-design of client site from HTML form handling to cleaner Redux-Form.
* Configured routes between React JS and Flask to render the templates from the server-side.
* Used J Query in directly manipulating the DOM yet separating the React JS Components.
* Used React JS with Redux to separate the data and presentation layer. Utilized Redux stores to handle the states and update the UI.
* Used ES6 for the less boilerplate code to handle parameter.
* Used various plugins on babel to compile JSX to create elements.
* Used XSRF and CSRF for Authentication.
* Developed POC’s for the Authentication model using various security features in it.
* Used JWT format to secure the tokens. And after the authentication is done everything will be maintained by the server not on the web application. In this way we secured the token no one steal the token to hack the server
* Added react-router with secure navigation and unsecure navigation.
* Created a state management in react application using redux for the data flow within the application.
* Configured redux store, reducers, and actions.
* Used sagas for handling middleware and ‘fetch api’ for rest calls.
* Involved in developing presentational and container components using React and JSX.
* Solid understanding of React Virtual Dom Algorithm, for React performance optimization.
* Implemented dynamic page elements and form error validations.
* Developed mock Api’s to test the framework independency.
* The way we implemented React framework it will render data from the endpoint no matter what the data is. Column names will also load from the End points.
* Configured web pack to trans-pile JSX to ES5 using Babel, Added CSS-loader and sass plug-in for pre-compiling SASS to CSS. Used HTML5plugin to create the index.html file with generated hashed JS and CSS files. Added proxy for web pack-server.
* Configured node application, created rest api’s.
* Used Bit-Bucket for version controls.
* Resolved Cross Browser Compatible Issues for different version of IE, Safari, Chrome, Firefox, and Opera.
* Worked closely with product, UX and business team to build applications & reach business goals through front end development and UX.
* Used Jira board for the track of work we have done.
* Updated the Confluence page after each task and raised the issues to check the updated application and responded on the confluence page.

**Environment:** React, Redux, Babel, react-bootstrap, JSX, promises, node Js, CSS3, Jenkins, JSON, JavaScript, Web pack, Bit Bucket.

**Costco: Issaquah, WA Feb, 2017 – May, 2018**

**Role: - UI Developer**

**Responsibilities:**

* Translate designs provided by UI creative design team into functional user interfaces, ensuring cross browser compatibility and performance.
* Designed and developed user-friendly interface by using **JavaScript, HTML, CSS, jQuery**
* Designed flash plugins for including different functionalities and content.
* Worked on integrating **jQuery APIs** with MVC pattern.
* Used AJAX frameworks like **jQuery, JSON** to develop rich **GUIs** and involved in performance tuning the website.
* Involved in bug fixing on functionality, performance and designing issues with **JavaScript** and **jQuery**.
* Involved in debugging **HTML, CSS** and JS code using tools such as Chrome Inspector, and Firefox Firebug.
* Handled browser compatibility issues in browser such as **IE, Firefox**, and **Chrome**.
* Used **Grunt** with **Grunt** file to minify the **JS** file in whole application.
* Developing **XML** classes for loading the data from **XML** files deployed at the server.
* Provided information by **collecting, analyzing**, and **summarizing** development and service issues.
* Worked with **Jasmine** in testing and performed Unit testing and execution testing utilizing **J UNIT**.
* Developed **UI pages** using media queries and made completely responsive.
* Developed software solutions by studying information needs; conferring with users; studied systems flow, data usage, and work processes; investigated problem areas; following the software development lifecycle.
* Worked with the team of **architects** and **back-end developers** to gather requirements and enhance the application functionality and add new features.
* Prepared **Unit** and **System Testing** Specification documents and performed Unit and System testing of the application.

**Environment:** JavaScript, HTML, CSS, AJAX, jQuery, Jasmine, Grunt, Unit testing, GIT, JUnit.

**HDFC Bank: Hyderabad, India May, 2014 – Dec, 2016**

**Role: - UI Developer**

**Responsibilities:**

* Working in Photoshop design comps developing **HTML/JavaScript/CSS** based web sites, including testing, and debugging cross-browser.
* Enhanced user experience by designing new web features using MVC Framework like Backbone.js and Node.js.
* To communicate with the backend worked wits **Http** module.
* Used advanced level of **jQuery, AJAX, JavaScript, CSS,** and pure **CSS** layouts.
* Developed Graphics using Paint Shop **Pro/Photoshop** & Animation using Flash/Fireworks.
* Developed fast loading images using **Adobe Photoshop CS3**
* Involved in designing and developing the **JSON, XML Objects** with **SQL**.
* Responsible for developing, editing, publishing, and managing content on the external Web pages and internal layouts.
* Designed **CSS3** based web pages, which were cross-browser compatible.
* Designed and Architected the Application using **MVC** and designed the application using responsive web design to work on different devices.
* Using web scripting languages like NodeJS and Yarn for interaction between client side and server-side technologies.
* Followed Agile and Scrum software development methodology.

**Environment:** Javascript, HTML, CSS, Ajax, Bootstrap.JS, Jquery, Java, Spring, Hibernate, Struts, PL\SQL, Oracle, DB2, Soap, Visual Studio, Eclipse, WAS, CVS, SVN, Selenium, Waterfall, AWS, JSP, Servlet, JSON, XML, Jira, Linux, Hipchat