**Lekha Yella**

**PROFESSIONAL SUMMARY**

* Over 5 years of experience in the Web Applications Development using HTML 4.01/5, CSS (2/3), XHTML, JavaScript, jQuery, AJAX, XML, React, Redux and JSON.
* Extensive IT experience as Front-End UI Developer and associated with creating inventive venture programming applications and dynamic web User Interface (UI) applications, UI improvement, from structure and investigation to advancement, usage and support including unit testing and practical testing to guarantee the nature of code.
* Created Single page applications with React using Hooks, Redux for stateful management; or using previous React state object plus lifecycle for component's internalize stateful management.
* Expertise in developing various JavaScript frameworks like Backbone.js, Require.js, Node.js, Express.js, Underscore.js, React.js/Redux, Ember.js, Responsive web design. (RWD).
* Well versed in DOM (Document Object Model) and DOM functionality to use in the interaction with objects in HTML, and XML documents
* Designed dynamic overlays with React JS and Reflux on the front end to efficiently manage state, organized and managed data queries effectively by integrating GraphQL.
* Expertise in React Component for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
* Strong front-end UI development skills using scripting languages HTML/HTML, DHTML, CSS/CSS, JSP, JavaScript, React 16.8.6, and XML.
* Experience in implementing Component life cycle architecture, store actions, using socket.io in React-Redux app to handle real time data, installing React Router, Thunk Redux for API calls in React JS.
* Experience with middleware's using Redux-Thunk, Redux-Saga, Redux-Logger, and Universal React Redux.
* Good experience on customizing CSS frameworks like Bootstrap using CSS pre- processors LESS or SASS and Compass.
* Good understanding of ECMA Script 6 features and used Babel, Webpack for transpilation.
* Proficient in developing Web Services, related technologies & frameworks like WSDL, SOAP, REST, AXIS and Jersey, SOAP UI.
* Used Node.JS, React.JS, and Backbone.JS MVC framework for developing the Single Page Application (SPA).
* Proficient in developing web page quickly and effectively using HTML 5, CSS3, JavaScript and JQUERY and experience in making web page cross browser compatible.
* Hands on Knowledge on Azure Cloud Services for creating Web - Applications and Knowledge on Azure CLI.
* Experience in Graphic and User Experience Design and Transforming Web/Graphic Designers static prototypes into hand-coded HTML, specifically emphasizing accuracy and efficiency & adhering to W3Cestablished web standards with respect to maintaining cross-browser/cross-platform compatibility and delivering final page templates, including optimized images.
* Familiar with build system, task runners (Gulp and Grunt), module bundler (Webpack and Gradle).
* Involved in designing the user experience interface UI/UX strategy, UI requirements, converting findings into UI designs.
* Integration of AEM with Adobe Marketing cloud and other third-party services.
* Knowledge of utilizing cloud technologies including Amazon Web Services (AWS), Microsoft Azure.
* Experience in CSS pixel-level layout, Consistency with browsers, Version and Platform Independence.
* Specialized in developing Web 2.0 Apps using core jQuery along with AJAX/JavaScript.
* Ability to write clear, well-documented, well-commented and efficient code for web development.
* Experience with User Acceptance Testing (UAT) and Accessibility Testing.
* Proficient in using Unit.js testing framework along with Jasmine, Karma, Protractor, Jest, Enzyme, Cypress and Mocha test runners.

**EDUCATION:**

Master’s in computer science from University of Central Missouri.

**Client: TCS/General Motors, Detroit MI Feb 2023 – Present**

**Role: React JS Developer.**

**Responsibilities:**

* Worked in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, SASS, JavaScript, React JS, Redux, JQuery, JSON, Node.js, GraphQL and Ajax.
* Skilled in leading frameworks as React.js to build high-quality, scalable and reusable components and Front-end solution.
* Developed user interface by using the React JS, Redux for SPA development.
* 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.
* Developed the web application with the newest React features centralized with Hooks.
* Worked on adaptive design approach. Implemented unique design for MOBILE and DESKTOP.
* Setup production dependencies for application are Redux, Webpack, Babel, Node.js, SAAS framework.
* Experience working on Redux Unidirectional dataflow achieving the predictable application behavior.
* Evaluated and extensively tested React, Redux and GraphQL.
* Used ES6 and JSX with react for component development.
* Worked with React JS components, Redux Forms, Events, Animations and Router.
* Used JSON to send request to the server to check the functionality of the websites.
* Maintained STATES in the store and dispatched the ACTIONS using Redux.
* Written the test cases for the React components using Unit testing.
* Extensively used debugging tools such as Firebug and IE Dev tools to investigate the issues and fix the bugs.
* Used GIT and Update Daily task into the Agile Methodology.

Environment: React, Redux, JavaScript, Express Js, GraphQL, Unit testing, Webpack, GitHub, and Agile Methodology.

**Client: Microsoft, Redmond WA Sep 2021 – Dec 2022**

**Role: React JS Developer.**

**Responsibilities:**

* Developed the Front-End and User Interface of applications using Javascript, ES6, React.js, next.js and Redux.
* Developed user interface by using the React HOC, Flux/Redux & React Promises for SPA development.
* Developed single page applications using React Redux architecture, ES6, web pack and grunt.
* Developed various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager).
* Involved in creating a reusable component using React JS for DOM manipulation.
* Used React 16.8’s new feature Hooks to rewrite/re-factor front-end application and truncated down 30% codes.
* Implemented highly scalable micro and macro components with React 16.x.
* Basically, replace all React class components with functional component. For stateful management, replaced with new Hooks like useState, useEffect, useReducer, and useRef.
* Used GraphQL for complete and understandable description of the data in our API, gives clients the power to ask for exactly what they need.
* Used Babel to Transpile ES6 and JSX code into JavaScript that can load on the browser.
* Implemented React-Router, React Redux architecture, ES6, web pack and Grunt to turn application into Single Page Application.
* Incorporated react-redux for global state management, mainly for authentication process, and added redux-thunk for asynchronous handling.
* Used BitBucket and Git for code check-ins and merges.
* Used Webpack as module bundler and Babel for compiling and build component based React architecture and SASS pre-processing for configuring tasks.
* Used Babel to compile JSX, ES6 and follow JSHint standard for high code quality.
* Project was implemented by following TDD using Chai/Mocha/Sinon framework.
* Implemented Snapshot testing using Jest for React project along with Enzyme test utilities.
* Developed line chart for multiple axes and filters using JavaScript.
* Used Azure Devops to keep track of defects and issue tracking to reduce downtime, increase productivity and improve communication.
* Apache Maven used for project management and dependencies process.
* Co-produced technical documentation and program specifications for the application.

Environment: HTML5, CSS3, React, Redux, JavaScript, jQuery, Node, Bootstrap, Eclipse, MYSQL, Jenkins, GIT, JSON, AJAX, Jira, SVN, Redux, GraphQL, Azure, Apache Maven, Rest Api. Git Bash, BitBucket.

**Client: GAP, San Francisco CA Sep 20 – Jul 2021**

**Role: React/Redux developer**

**Responsibilities:**

* Involved in Enhancement of existing application utilizing React JS and also developed new pages from the scratch.
* Worked with Redux reducers to capture the essence of flux stores and gradually migrated from existing Flux towards Redux.
* Working with React Router for developing Single Page Applications SPAs, using lifecycle methods and React Async Await.Used React-Router to turn application into Single Page Application.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Used React 16.8’s new feature Hooks to rewrite/re-factor front-end application and truncated down 30% codes (better maintenance).
* Applied redux middleware using redux-promise, redux-thunk and redux-saga.
* Integrating third party D3 elements into React components
* Setting up Hapi/Express web servers with RESTful Node.js end points.
* Applied Oriented Programming techniques to track UI components being added to DOM and to change the behavior of framework methods
* Extensively used Ag-Grid Community 18.1 with pagination, Export to CSV and Sorting to reuse across application.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Used Middleware Redux-thunx, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
* Created and used Reducers that received said Actions to modify the Store State Tree.
* Creating and managing Azure Web-Apps and providing the access permission or Authorization to Microsoft Accounts.
* Responsible for creating POCs of new JavaScript technologies such as GraphQL and Observables (RxJS).
* Used Bootstrap Grid System and CSS3 Media Queries to develop single responsive application with good user experience in all platforms like desktops, tablets and mobile phones.
* Designed, developed and updated User Interface Web Forms using CSS, Dreamweaver and JavaScript.
* Used Cascading Style Sheet (CSS) in web pages to separate presentation from structure.
* Defined text alignment, size, borders and many other typographic characteristics.
* Debugged and logged using Chrome developer tools, configured test environment using Karma and wrote unit test using Jasmine.
* Used Node.js to run Grunt tasks and build properly the project (compile, minify, concat etc.)
* Developed Servlets and JSPs based on MVC pattern using Spring Framework
* Developed Static Front End web application using React JS using Next.JS as framework.

Environment: HTML5, CSS3, JavaScript, React, Redux, jQuery, Bootstrap, GraphQL, ColdFusion, Eclipse, MYSQL, Jenkins, JSON, AJAX, Jira, Apache Maven, Rest Api, MYSQL, Oracle.

**Client: Carpus IT, India**  **Mar 18 – Aug 20**

**Role: React Developer**

**Responsibilities:**

* Worked in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, SASS, JavaScript, React JS, Redux, JQuery, JSON, Node.js, and Ajax.
* Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing.
* Creating new React components, services, APIs from user stories and mockups.
* Developed user interface by using the React JS, Flux/Redux for SPA development.
* Built out a new product line in EcmaScript using React, and Redux
* Enhanced user experience by designing new web features using MV Framework like React-Redux and node.js.
* Used React JS for templating for faster compilation and developing reusable components.
* Maintained STATES in the store and dispatched the ACTIONS using Redux.
* Used React-Autocomplete for creating google maps location search on the webpage.
* Used ReactJs and MobX for front end development.
* Used React flux to polish the data and for single directional flow.
* Build SQL queries for performing various CRUD operations like create, update, read and delete
* Developed various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Used React JS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.
* Wrote data mutations in GraphQL which allows user to update their preferences.
* Applied jQuery scripts for basic animation and end user screen customization purposes.
* Developed data formatted web applications and deploy the script using client-side-scripting using JavaScript.
* Worked on Cross-Browser compatibility and fixed the bugs for several browsers.
* Enhanced and built reusable components across different modules using Custom directives and CSS classes.
* Created Responsive Designs (Mobile/Tablet/Desktop) using HTML&CSS, Bootstrap.
* Handled cross browser/platform compatibility issues (IE, Firefox, and Safari) on both Windows.

Environment: React.js, Redux, React Native, Immutable.js, Hapi, Express, HTML5, CSS3, SCSS, JavaScript, Bootstrap, Jasmine, AJAX, XML, XSL, XSLT, JSON, Git, AWS, JIRA.