Lakshmi Sahitya Kadiyala

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# PROFESSIONAL SUMMARY

* Around 10 years of Professional experience in Web Development in all phases of SDLC including Applications Design, Development, Integration, Implementation, Maintenance, Testing, and Debugging of various client/server web applications.
* Extensive experience in developing web applications using front-end technologies like HTML5, CSS3, JavaScript, Typescript, Angular, Bootstrap, React JS, Next JS, React Native, JSON, NodeJS.
* Developed web presentation layer using HTML5 and CSS to comply with internal standards and guidelines of software community.
* Developed SPA’s (Single Page Application) by using **React**.
* Experience in working with **React JS**, **Next JS**, React Flux and React architecture using complex object-oriented concepts in improving the performance of websites.
* 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.
* Experience working with **ReactJS**, **React Flux**, and **Redux** architecture using complex object- oriented concepts in improving the performance of websites.
* Experience in ReactJS for creating interactive UI’s using One-Way data flow, virtual DOM, JSX, and React Native concepts.
* Experience integrating **RESTful** Web-Services HTTP services and Web services with applications.
* Experience in using **JSON** Web Tokens (JWT) to securely communicate JSON objects.
* Used Node.js, MongoDB and node package manager for installing dependencies and to run the application in a web server in a staging environment.
* Experienced in working with **Node.js** and NPM modules like http-server, Micro services, MongoDB.
* Worked with **SQL** databases like Oracle, MySQL, IBM DB2, hands on Experience in working with NoSQL Databases like MongoDB, Cassandra to manage extremely large data sets.
* Responsible for checking cross browser compatibility and worked on different browsers like Internet Explorer, Google Chrome, Firefox, Opera, and Safari.
* Experienced with Bower for package management, installation, and maintenance, and task runners including NPM, Bower, Grunt and Gulp.
* Using **Jasmine** and **Mocha** for unit testing, to increase code stability and thoughtful design.
* Excellent communication, ability to handle projects independently and closely worked with business users and team members to understand/clarify requirements for Application Development and handled the deliverables of the team on time.
* Collaborated with UX and design teams, translating complex design mock-ups into high quality, accessible, W3C standards-based code.
* Expertise in gathering, documents and analyzing business requirements and worked on many project methodologies like **Agile** and **Kanban**.
* Excellent analytical and communication skills with capability to handle new technologies.

# EDUCATION

Bachelors of Technology from Acharya Nagarjuna University - 2014

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Methodologies** | Agile, Waterfall, Test Driven Development (TDD) |
| **Databases** | MongoDB, My SQL. |
| **Automation/Building Tools** | Jenkins, Maven, Docker, Chef. |
| **Testing tools** | Jasmine, Karma, Mocha, Chai, Selenium. |
| **IDE & Tools** | Eclipse, WebStorm, IntelliJ, JUnit, Visual Studio Code |
| **Version Control** | SVN, GIT. |
| **Web Technologies** | HTML5, CSS, JavaScript, JSON, React, Next.JS, React Native, NodeJS, jQuery. |

**PROFESSIONAL EXPERIENCE**

# Florida Blue, FL Apr 2023 - Present

**Senior Software Developer**

**Responsibilities:**

* + Design the Front-end applications, and Mobile Application as well for user interactive web pages using web technologies like **HTML5, CSS3, Es6 JavaScript, React JS, Next.JS and React-Native**.
  + Implement Redux Saga's with actions and reducers to implement a sync API call.
  + Use of redux saga middleware to access redux application state and dispatched redux actions.
  + Work on designing, developing, and testing the web application by using HTML5, CSS3, SASS, LESS, Bootstrap, and ReactJS.
  + Work on designing the CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
  + Use React Observables to create custom components for data manipulations and to display data in company standard format.
  + Enhance React Observables with Redux, React-Router and Redux-Thunk.
  + Use Redux-Thunk as middleware to manipulate data type and handle multiple actions.
  + Developing **React components** that efficiently update in response to real-time data changes.
  + Ensuring that the **React.js** application is responsive and works seamlessly across various devices, including desktops, tablets, and mobile phones.
  + Utilizing **React Router** to implement client-side navigation in single-page applications.
  + Implemented **Reactive forms** to take inputs from the user and apply built-in validations to ensure the user provides valid information.
  + Used the **React** router module to navigate between the components in the application.
  + Used **React hooks** like use State, use Effect, use Reducer and use Ref for stateful management.
  + Developing React JS components by incorporating Forms, Events, Keys, Router, and Flux concepts.
  + Work with UX designers to implement design specifications and ensure a seamless user experience.
  + Leverage Next.JS for server-side rendering (SSR) and static site generation (SSG) to optimize performance and enhance the application's SEO.
  + Implement state management solutions, such as Redux or React Context API, to efficiently manage the application state.
  + Optimize the application for performance, ensuring fast load times and smooth interactions.
  + Implemented agile software development for analyzing, designing, and developing applications.
  + Used Middleware, Redux-Promise in application to retrieve data from Backend and perform RESTFUL services.
  + Enhanced user experience by designing new features using MVC Framework like **Node.js**.
  + Used **Bootstrap** components like dropdown menus, navigation bar, alerts, and labels Setup Jasmine and Karma for UNIT Functional Testing of JavaScript with mocking frameworks.
  + Implemented token-based authentication with JWT also used Passport from node.js.
  + Created the Application using Node.js libraries NPM, gulp directories to generate desired view and flux to root the URLs properly.
  + Design and implemented server-side RESTful webservices using NodeJS and Express JS and handled communication to the client side using JSON.
  + Implemented web page using the semantic markup and page layout of HTML5 and implemented the new CSS3 transitions to change property values over a given duration.
  + Tested developed components using jasmine.
  + Created unit test cases for UI Components and Services using **JUnit**, **JEST** and **Enzyme**, Karma
  + Effectively using **Jira** tool to track user stories and bugs.
  + Used **GIT** as project version control.

**Environment:** HTML5, CSS3, JavaScript, React, Next JS, Bootstrap, Node.js, Express.js, GIT, Kafka, MongoDB, Agile Methodology.

# CVS, Stamford, CT Jan 2022 - Apr 2023

# Senior Software Developer

# Responsibilities:

* + Designing, developing and testing **HTML5**, **CSS3**, **JavaScript** and **React JS** that meets accessibility and web browser standards for website.
  + Extensively using React JS hooks for managing state in Functional Components.
  + Improving the application performance by Using React. Memo, useMemo, useCallback functions.
  + Utilizing React JS components, Forms, Events, Keys, Router.
  + Conﬁguring redux store, reducers and actions and Used Redux-Thunk for handling middleware and Fetch api for making rest calls to the backend.
  + Maintaining states in the stores and dispatched the actions using redux.
  + Designing Component for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
  + Utilizing React-Router to turn application into Single Page Application.
  + Working with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
  + Working with JEST and Enzyme unit test framework to write unit tests for JavaScript code.

**Environment:** HTML5, CSS3, JavaScript, AJAX, JSON, XML, jQuery, React JS 16.8, Redux, Axios, Node.js, Express.js, MERN stack.

**Lowe’s, Mooresville, NC** **May 2021 - Dec 2021**

# Software Developer

# Responsibilities:

* + Involved in all the phases of Software Development Life Cycle (SDLC) including Requirements gathering, Designing, Programming, Testing and Documentation of various projects.
  + Develop single page application, manage data flow and dynamic responsive web application using **React, JavaScript, HTML5, CSS3, Flex Layout, and Bootstrap.**
  + CSS styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
  + Involved in Agile methodologies and full software development lifecycle of Designing, coding, testing, debugging and support.
  + Build Web Apps with **React** **JS** and **Flux**.
  + Integrating **JavaScript** libraries (jQuery, React - Bootstrap, High charts, Data tables, etc.)
  + Creating **React.JS** / Redux front-end Ul, and Node.JS applications for backend.
  + Leveraged React.JS resources for all data access, encapsulating URLs and standardizing data access interfaces.
  + Maintained stated in stores and dispatched the actions using redux.
  + Implemented Drag and Drop functionality using React-Draggable.
  + Maintained Parent and child elements by using State and Props in React.js.
  + React and Functional Driven JavaScript expert in SPAs, Ul Components, Mobile web, and Performance optimization.
  + Responsible to make sure that look and feel of the Ul designs work same in different versions of different browsers.
  + Developed React custom components for reusability and optimization of application.
  + Used JSX, Virtual DOM, one-way data binding features from React JS, React Native for building the application.
  + Implementing services by using the HTTP client module in React for making the API calls and injecting data into the required components.
  + Creating various SCSS classes, various themes and media quarry utilities for unique branding and theming in both web and mobile devices.
  + Developed various screens for the front end using React JS and used various predefined components from **NPM** (Node Package Manager) and Redux library.
  + Used **RxJS** library to manage concurrency when fetching data through HTTP calls using Observables.
  + Used **AJAX**, **JSON** for sending requests to the server to check the functionality of the websites and for storing and exchanging information between browsers and servers.
  + Achieved end-to-end testing through Jasmine, karma for writing automated tests.
  + Coordinated with the **UX** team for gathering requirements and worked on translating into user flows, wireframes, prototypes, and mockups.
  + Had good exposure to CI/CD processes using Jenkins and GIT.
  + Used Visual studio code as IDE tool, GIT, Bitbucket for maintaining the code repository.
  + Good exposure to defect tracking tools like JIRA, Rally and ServiceNow.

**Environment:** HTML5, CSS3, JavaScript, React, React Native, React Hooks, Redux, SCSS, Bootstrap, NodeJS, GIT, Agile, Scrum.

# Integrity Spirit, Hyderabad, India Oct 2018 - Jan 2021

# Software Developer

# Responsibilities:

* + Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
  + Designed front-end applications from scratch using web technologies like React JS, HTML5, CSS3, JavaScript, Bootstrap 4.0, jQuery, and JSON.
  + Developed user interface by using React JS, Flux for SPA development.
  + Worked on Redux with React to handle large chunks of data for better performance.
  + Familiar with creating Custom Reusable React Components Library.
  + Implemented Single Page Application (SPA) using Material Ul.
  + Used React-Router to turn application into Single Page Application.
  + Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
  + Used React JS 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 React JS to build the Ul components, developed filters to display different dimensions of data and font size modifiers.
  + Implemented map State to Props, map Dispatch to Props for the interactions between Redux and React.
  + Developed web pages with functionalities like login, register, forget password, Email, filters using JavaScript, jQuery, and HTML.
  + Experience of writing test cases using various JS based frameworks like Jasmine.
  + Used Firebug, Firebug Lite, IE Developer Toolbar, for debugging and browser compatibility.
  + Creating pages in Site Core and validating the HTML code with W3C Validate.
  + Used soy to support new features or feature enhancements in the web site.
  + Understood their existing code and made changes to adapt to the new environment.
  + Bug fixes for existing software system and software enhancement.
  + Hands-on experience in testing frameworks and tools like Jasmine, Mocha, and Karma.
  + Actively involved in SCRUM meetings, Retrospective, Sprint planning/review meetings.
  + Worked on tools like JIRA for bug tracking GitHub for version control.
  + Involved in Production Support and minor enhancements as per application requirements.

**Environment:** HTML5, CSS3, JavaScript, React JS, NodeJS, JSON, jQuery.

# Integrity Spirit, Bengaluru, India Jun 2014 - Sep 2018

**Software Developer**

# Responsibilities:

* + Developed the front-end featuring web interface implemented using JavaScript jQuery.
  + Developed page layouts, navigation, animation buttons and icons using HTML, CSS, and JavaScript.
  + Created forms to collect and validate data from the user in HTML and JavaScript.
  + Provided production level code to the engineering team for product development, including cross- browser support, and CSS optimization.
  + Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree.
  + Implemented the Drag and Drop functionality using Query framework.
  + Developed and improved application using MVC Framework.
  + Developed CSS page layouts, styles and table less coding for efficient design.
  + Proficiency in implementing the design to meet web standards (W3C), SEO and worked on various browsers for cross-browser implementation.
  + Involved in writing SQL Queries, Stored Procedures.
  + Implemented Object Oriented JavaScript in the persistence layer using hibernate framework in functionality.
  + Performed Object Relational Mapping (ORM) by configuring the deployment descriptors in Hibernate.
  + Used CSS selectors for condition-based styling and pseudo-classes to add some special effects to selectors.
  + Developed Ul, Virtual Objects (VO) and models by using Flash, Ajax, and Action Script 3.0.
  + Implemented Query based accordion styles and handled complete Query in showing Rich Internet Application (RIA).
  + Optimizing SQL queries and stored procedures.
  + Created packages to validate, extract, transform and load data to a centralized SQL server from the existing diversified data sources.
  + Designed and documented REST APIs, including JSON data formats and API versioning strategy.
  + Implemented the following J2EE Patterns: Front Controller, Session Façade, Service Locator, Data Access Object, Business Delegate, Business Object, Composite View, and View Helper.
  + Involved in writing application-level code to interact with Apl’s, Web Services using AJAX, JSON.
  + Developed SQL queries to perform insert, update or delete operation on MySQL database.
  + Debug the application using Firebug to traverse the documents and manipulated the nodes using DOM and DOM Functions.
  + Used SVN for source repository and version control. Deploying builds across development, Staging and production instances and maintained code integrity.
  + Worked with Jenkins for deploying applications and scheduled various jobs.
  + Troubleshooting issues in the production environment and worked on call rotation for supporting customers.

**Environment:** HTML, CSS, JavaScript, Exception Handling, AJAX.