VIJAY KRISHNA Y
Front End Developer
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PROFESSIONAL SUMMARY

- Overall, **5 years** of experience in analysis, application design, prototyping, development, integration, and testing of applications, complemented by comprehensive design and documentation skills.

- Proficient in Agile (SCRUM) and Test-Driven Development (TDD) methodologies, with a proven track record of successful project deliveries.

- Experience in Developing mockups, prototypes and User Interface (**UI**) rich Web Applications using cutting-edge technologies such as **HTML5 semantic elements, CSS3, Flex box, Grid**, **JavaScript, Node.js, React.js, Bootstrap, Media Queries, Material UI and other CSS Frameworks.**

- **Experience in utilizing the latest HTML APIs**, such as Web Storage, to store data locally in users' browsers, with proficiency in both Local Storage and Session Storage.

- Extensively worked on concepts like **CSS Background, Positioning, Text, Border, Margin, Padding, Flex, Animations, Layouts, Table, Pseudo Elements & Classes and CSS behaviour.**

- Proficient in **JavaScript (ES6)** features, utilizing variables, array feature, and object features with API data.

- Skilled in utilizing **Promises** for writing API calls and employing **async** and **await** to execute API calls.

- Expertise in ensuring application security through **JWT Token validation** for user login.

- Hands-on experience in **React**, encompassing component creation, **Fragments, Routing**, **Dynamic Routing**, **Private and Public Routes, Lazy Loading**, **Reusable components, Redux and NPM packages**.

- Expertise in database modelling and development using **No SQL** Database such as **MongoDB**.

- Proficient in writing Unit test cases for UI components using Jest framework, with additional use of **Enzyme** features to mock data.

- Utilized **Babel** to convert written **ECMA Script** code into browser-understandable language.

- Experienced in utilizing bug/issue tracking, project Tracking & Management tool **JIRA**.

- Familiarity with Cloud Computing Service environments, particularly Amazon Web Services (**AWS** - EC2, EBS, S3 and ELASTIC SEARCH).

- Involved in designing fully distributed system with the use of Restful API and Microservices.

- Experience in using version control and configuration management tool **GIT**.

TECHNICAL SKILLS

Languages	C, JavaScript
Frontend Technologies	HTML5, CSS, JavaScript, React.js
Web Technologies	JavaScript, JQuery
Frameworks	React, Bootstrap, Material UI
Tool	Figma, Postman, Jenkins (CI/CD), Jira, Webpack, Babel
Databases	MYSQL, NoSQL, Mongo DB
IDE's	Visual Studio Code
Version Control System	GIT
Operating Systems	Windows, Linux, Unix
Test Framework	Jest
Cloud	Amazon Web Services (AWS)

PROFESSIONAL EXPERIENCE

Company: Tata Consultancy Services (TCS)   **Oct2018-Jan2022**

Role: Frontend Developer

Responsibilities:

- Demonstrated proficiency in **Agile** Software Development and Scrum technology, ensuring efficient project execution.

- Created streamlined designs and developed User Interaction screens using **HTML5, CSS3, JavaScript, Bootstrap, React JS, AJAX, jQuery**, **XML** and **JSON.**

- Developed Page layouts, Navigations, presenting designs and concepts to the clients and management. Utilized **HTML5, CSS3,** and **Bootstrap** for clean and responsive stylesheets.

- Engineered a pagination module in **React JS** for organized display of backend data. Incorporate the **React JS, Suspense, fallback** features to improve the performance of the page.

- Used **React JS** for front-end framework and **Redux** architecture for creating data layers for **unidirectional data flow**.

- Used **React DOM** manipulation and React State to generate the **data result in UI.**

- Used **React Router to create a Single Page Application (SPA)** which can bind data to specific views and synchronize data with server.

- Developed client-side interface using **React JS components** life cycle methods, react-router, animations, state with hooks methods, reducers, flux, props.

- Developed the React front-end components to Build visualization charts using interactive React charts.

- Implemented modules into Node JS to integrate with designs and requirements.

- Used Middleware, **Redux-Thunk** in application to retrieve data from Back-End and to also perform **RESTFUL** services.

- Used **Webpack** to bundle all JavaScript files and takes all modules with dependencies and generate static assets.

- Designed and developed **Restful APIs** for different modules in the project.

- Extensively used debugging tools such as Firebug and chrome Dev tools to investigate the issues and bug fixes.

- Prepared **Test Cases** to perform **Unit**, **Integration** and **System Testing**. Worked with **JEST** unit test framework to write unit tests for UI components.

- Worked on CI/CD tools for deploying a pipeline for automation of testing and deployment process.

- Used **Git** and **GitHub** desktop as version control management tool.

- Used **JMS** for sending out automated email notifications to respective users of the application.

- Used **Log4J** for logging errors and bugs.

ENVIRONMENT:

HTML5, CSS3, Bootstrap, JavaScript, ReactJS, Material UI, Express, Node.js, Redux, State management, Responsive web design, Ajax, Tomcat, Linux, Oracle, Design patterns, log4J, JSON.

EDUCATION:

Post Degree Diploma in Web and Mobile Design Development   **May 2022-Aug 2023**
University: Langara
Location: Vancouver, Canada

Bachelor of Technology in Electronics   **April 2014 – April 2018**
University: JNTU
Location: Vijayawada, India