RAHUL SINGH KICHI

SOFTWARE ENGINEER (FRONT-END DEVELOPER)
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PROFESSIONAL SUMMARY

- 2 years of experience as a Front-end web developer in developing and designing user experiences of Internet/Intranet applications using **HTML, HTML5, XML, CSS3, JavaScript, React, React Native Redux, ES6, Saga, Thunk Web pack, jQuery, JSON, Node.js, JQUERY Bootstrap.**
- Knowledge of software development life cycle (Requirements gathering, analysis, design, development, testing and implementation) and SDLC methodologies such as **Agile/Scrum** and **Waterfall**.
- Worked with modern build tool chains, like JavaScript frameworks/technologies such **as Angular.js, React.js.**
- Developed modern web applications using **Angular, Node.js, React.js, and Mongo DB**.
- Proficient in using Unit.js testing framework along with **Jasmine, Karma test** runners.
- Hands-on experience in using **Redux** to manage the application state and applying middleware such as **reduxThunk** and **redux-saga.**
- Experienced in Cross-Platform Mobile Development using **React Native + Type Script** based mobile app.
- Experience in creating **web server** using **Node.js**.
- Build user interfaces with **states, props, middleware, store, action creator, reducer, presentational and container components and react hooks** using **React.js / Redux / JSX**.
- Used **MongoDB** for persisting the Api data.
- Expertise in React.Js framework to develop the SPA.

TECHNICAL SKILLS:

- **Web Technologies:** HTML, HTML 5, JavaScript, jQuery, Angular JS, Node JS, React JS, CSS, CSS3, Bootstrap, UI Restful Web Services.
- **Frameworks:** Angular JS, Bootstrap, React.JS, Junit
- **SDLC's:** Agile (Scrum), Waterfall.
- **Editors:** Notepad++, Visual Studio Code.
- **Tools:** Selenium, Jmeter, TestNg, Jenkins, Eclipse, Postman, MySql, Cucumber, RestAssured API, APM, Android Studio, APM inspector.
- **Web Server:** HTTP Web Server, RESTful Services.
- **Database:** MongoDB, JDBC.
- **Version Controls:** SVN and Git, NPM.

PROFESSIONAL EXPERIEINCE:

RadixCube Solutions Pvt Ltd.   **August 2022 – Present**
Software Developer Responsibilities:

- Designed and developed responsive modules based on Business Requirements using HTML5, CSS3, Bootstrap, ReactJS, NodeJS, and MongoDB.
- Developed User interface by using the React JS for content management system and built out a component-based architecture using ReactJS and Redux and worked on React JS Virtual DOM and React views, rendering using components which contains custom HTML directives in JSX.
- Used Angular HTTP module to handle request from client side and subscribe to any data changes using observables from RxJS module and Worked on JSX (JavaScript XML) syntax and its role in building React applications.
- Worked closely with UX designers and product managers to understand customer needs and ensure that features were optimized for usability and accessibility with React front-end applications.
- Developed web applications using React and browser APIs to enhance user experience.
- Developed web applications using React frameworks.
- Integrated third-party APIs and services to enhance the functionality of the web application and provide additional value to customers.
- Used React hooks like useEffect and useState to fetch data from APIs and display it in UI components.

- Developed and maintained reactive applications with RxJS and React and implemented reactive programming concepts such as observables, operators, and subscriptions using RxJS.
- Developed and maintained test suites with Jest.js for multiple React applications and configured Jest.js to work with various tools such as Redux, and GraphQL.
- Worked on interpreting user research and requirements to develop wireframes that meet business and user needs also worked on ES6 (ECMAScript 6) syntax and its features, including classes, arrow functions, let and const, and template literals.
- Used TypeScript in React applications to write more robust and scalable code.
- Used Angular CDK (Component Dev Kit) to develop complex and customizable UI components for Angular applications and responsible for creating wireframes for web and mobile applications.
- Built customer-centric, responsive interfaces for web applications to enhance CX and increase customer satisfaction and used ES6 features in React applications for efficient and concise code.
- Worked on TypeScript interfaces to define data structures and ensure type safety in React applications.
- Developed responsive design principles to create wireframes that function well across devices and screen sizes.
- Executed pair programming, Agile methodologies and software development practices such as Test-Driven Development (TDD) and Behavior Driven Development (BDD).
- Utilized React Native to build a cross-platform mobile app, empowering guests to earn points and redeem rewards across multiple properties.
- Used Jest.js to write tests for React components, hooks, and Redux actions/reducers also integrated Jest.js with continuous integration tools such as Jenkins.
- Followed Agile Methodology throughout the project which included pair programming, sprints, user stories, backlog grooming also Developed SPA modules using Angular and RXJS.
- Implemented Reusable components with React and Styled components and context API.
- Involved in Agile process, Sprint meetings, attended daily standup meetings (Scrum), estimation meetings and created Ajax calls to exchange (request / responses) information with Mongo DB
- Extensively used **GIT** for version controlling and regularly pushed the code to **GitHub.**
- Used GIT as version control, GitLab as central repository and JIRA for project management also Involved in writing application-level code to interact with APIs, RESTful Web Services using JSON.

AUTOMATION TESTING EXPERIENCE

- Knowledge of functional and non-functional testing to monitor the application.
- Worked on TDD (Test Driven Development) methodology for API testing.
- Knowledge of DevOps integration.
- Involved in implementing Cloud and Mobile automation testing.
- Worked on testing APIs via postman.
- Also, hands on experiencing on writing cucumber test cases for regression testing.
- Worked on Jmeter to test performance and load balance on the API's. ☐ Mobile testing done via Appium Inspector.
- Automated the Amazon application to get the list of types of a particular product using Selenium WebDriver with Java.
- Locate Web Element locators via browser.
- Automation script using page object design pattern class to store the web elements for a Web Page.
- Manage Transactions using Selenium and JDBC.
- generate various reports and to execute in different environments using Selenium grid (hub and nodes).
- XML enable testing
- Payload testing of REST API with Assertions.
- Used Gherkin keyword (Scenario, Given, When, Then and And) in Cucumber testing.
- Performance testing using JMeter, load testing, stress testing, spike testing.
- Automated the cloud-based testing for using appium which uses Devops tools like (Jenkins/Appium/Docker) for improved automated testing.
- Tested applications like Flipkart, Amazon, Swiggy, ChalDal.

PROJECT EXPOSURE

RESPONSBILITY

- Project requires end-to-end development of a comprehensive QA and test environment for a Medicare healthcare website.
- Automation script using page object design to store the web elements of the home page.
- The end-user is able to log in and register for the application via automation script.
- The end-user searches for products via automation script.
- The end-user can add them to the cart and complete the purchase via automation script.
- Selenium scripts to test all the pages on the website.
- Performed unit testing for all back-end classes and methods using TestNG
- Postman scripts/calls to test the API endpoints mentioned
- Jenkins job for all the automation testing phases performed in the previous.

PROJECTS

1. Sephora Clone || React | Redux | Node.js | Express.js | MongoDB | RESTful APIs | Responsive Web Design | Mongoose Developed a fully responsive user interface using React and Redux, ensuring a seamless browsing and shopping experience. Designed and implemented efficient server-side APIs using Node.js and Express.js to handle user authentication and product operations. Created optimized database models and queries using MongoDB and Mongoose to manage product and user data effectively. Ensured clear and seamless integration between the frontend and backend components for consistent data flow and user interaction.

2. Weather Forecasting App || JavaScript | HTML5 | CSS3 | Responsive Web Design | Google Maps API Integrated OpenWeatherMap API to fetch and display real-time weather data for specified locations. Implemented a userfriendly interface using HTML5 and CSS3 to display current weather conditions with JavaScript. Embedded Google Maps API to visually represent searched locations on the map. Developed a 5-day weather forecast feature displaying relevant weather details. Ensured responsive design for optimal performance across various devices and browsers.

EDUCATION DETAILS:

- **Mechanical Engineering**
  RKDF College Of Engineering (2009-2013)

CERTIFICATION DETAILS:

- **Full Stack Web Developer.**
- **Automation Testing.**