

Rahul Singh

E-mail Id : rkant225@gmail.com

Contact no. : 9876416884

SUMMARY

I have total **4.9 years** of experience in IT/Software industry. My area of expertise is **React JS**, which is frontend library developed and maintained by Facebook, and I have **4.5+ years** of experience in React JS. Worked with UI technologies like HTML5, JavaScript, CSS, and Hands on experience in Redux (state management). Apart from this I have good hands-on experience in Python and Python based Machine Learning model building to solve business problems.

TECHNICAL EXPERTISE

- **JavaScript**
- **React JS, Redux, React Router,**
- **HTML5, CSS3**
- **InkScape (SVG)**
- **Next JS (basics)**
- **Server Side Rendering (SSR)**
- **Static Site Generation (SSG)**
- **SEO**
- **Asynchronous JavaScript**
- **AJAX, Promises**
- **Node JS, Mongo DB (basics)**
- **Operating Systems (Windows, Linux)**
- **IDE (Visual studio, VS code, Anaconda)**
- **Version control systems (Accurave, git, GitHub)**

PROFESSIONAL EXPERIENCE

Capgemini, Noida (NCR) – Jan-2022 to Present

PROJECT #1 – HPE VEGA UI

Description: In this project I have worked on HPE cloud provider UI application which helps users to manage their cloud resources online also user can monitor status of their physical machine in real time. This is a React JS based application and we have used Redux for state management. Here we are using ready-made UI components from Grommet library. In this application we are showing SVG representation of real hardware to users. We have different SVGs for Front-panel, Rear-panel, Drives etc. We make AJAX requests to backend APIs and get data which we further use to populate the UI as well as SVG components.

Responsibilities:

- To create reusable, React components as per the wireframes.
- To make AJAX requests to backend APIs and populate UI as per the business requirement.
- To generate the hardware SVGs with the help of Inkscape tool.
- Once SVG is ready then we need to convert it to React component, and then break this big component into smaller reusable components.

Infosys Ltd. Pune Maharashtra – Jun-2020 to Jan-2022**PROJECT #1 – Toll Transitions International Relocation**

Description: In this project I have worked on Logistic application which helps Australian defense members to relocate from one place to another place during their posting or retirement. This was a React based web application which allows user to plan their relocation along with their household items.

Responsibilities:

- To develop all the webpages as per mentioned in wireframes.
- To integrate the functionalities of each, React components as per the business requirement.
- To integrate the API with React Application so that the frontend can communicate with backend.

PROJECT #2 – Toll Transitions Security enhancements

Description: This was a security enhancement activity of our existing application. We have worked on applying security fixes to 6 different applications under this project. Few major fixes we applied were: Preventing SQL injection, Form fields sanitization before submitting to backend, to prevent bot attack on login system we added temporary lockout feature on user's account.

Responsibilities:

- To find out the potential vulnerabilities in our React applications.
- To think of the fix that can be applied to application without breaking existing functionality.

Cognizant Technology Solutions – Dec-2017 to Apr-2020**PROJECT #1 - Old Mutual Wealth (Quilter)**

Description: In this project I have worked on banking application which helps customer with investment in funds, assets, mutual funds, pension plans and bonds. This application includes creating a new client, altering/saving existing client details, new account creation, subaccounts creation, linking the accounts,

Product/Portfolios buying, selling, Account Authorizations, adding bank accounts, capturing tax details, documents upload and downloads.

Responsibilities:

- Analysis of the various changes verified by the Business Analyst in the project.
- Design and Development of the changes using React.js (Flux), MVC.
- Resolving defects raised in application.
- Checking responses from service and reporting.
- Design developer TDD for the new requirement or build (Story)

PROJECT #2 - Santander UI Testing

Description: In this project I was responsible for UI testing. Main purpose of this testing was to provide better user experience to our customer. Santander was an insurance domain project which creates an application for customer who want to invest in some product, apply for pensions and bond includes saving Client Details, Account Creation, Subaccounts Creation, Linking the accounts, Product/Portfolios buying, selling, Account Authorisations, Bank Accounts, Tax Details, Documents upload and downloads.

Responsibilities:

- Testing UI formatting, wordings, styling as per the business rules.
- Creating defects and pass it to business analyst for verification.
- Providing relevant evidence/supporting documents to BA/Developer.
- Retesting the defects, after it has been fixed by the developer.

EXTRA ACTIVITY

- I have interest in Machine learning and Data Science, apart from my job I am learning it to enhance my skills in this field.
- I have worked on some of the personal projects and deployed them, few of them are:
 1. <https://rkant225.github.io/rahul-portfolio/>
 2. <https://place-book-frontend.herokuapp.com/>
 3. <https://place-book-backend.herokuapp.com/>
 4. <https://vahak-vehicle-bidding-app.herokuapp.com/>
 5. <https://rkant225.github.io/clock/>
 6. <https://my-whatsapp-app-chatty.netlify.app/>
 7. <https://rkant225.github.io/tom-and-jerry/>
 8. <http://customer-mgmt-sys-frontend.herokuapp.com/customer>
 9. <https://rkant225.github.io/covid-vaccine-avalibility/>
 10. <https://rkant225.github.io/tic-tac-toe-react/>
 11. <https://rkant225.github.io/animations/>
 12. <https://github.com/rkant225>
 13. <https://stackoverflow.com/users/8734248/rahul-singh>

14. <https://www.youtube.com/channel/UCkTsp3NM9Xhc-mly5wWhCPg>
15. <https://sheltered-tundra-24258.herokuapp.com/>
16. https://rkant225.github.io/COVID_19_tracker_india/
17. https://rkant225.github.io/COVID_19_tracker_WorldWide/
18. https://rkant225.github.io/sample_restaurant/
19. https://rkant225.github.io/Redux_implementation_from_scratch/
20. https://rkant225.github.io/react_redux_setup/
21. https://rkant225.github.io/star_patterns/

EDUCATION

- M.tech, ECE | 2015-2017 | Lovely Professional University | CGPA 8.46
- B.tech, ECE | 2012-2015 | Lovely Professional University | CGPA 8.46
- 12th Std | 2011-2012 | St. Mary's higher secondary school | 80%
- 10th Std | 2009-2010 | St. Mary's higher secondary school | 84%

PERSONAL DETAILS

- Date of Birth: 06-06-1994
- Languages known: English, Hindi.
- Address: Raipur mod Sonauri, Teonthar Rewa Madhya Pradesh Pin-486226

DECLARATION

I Rahul Singh, hereby declare that all the above information is true and accurate to the best of my knowledge and belief.

Place: Pune

Signature: Rahul Singh