**Ravikesh Pratap Singh**  [ravikeshpr@gmail.com](mailto:ravikeshpr@gmail.com)

**Associate Consultant, TCS (Tata Consultancy Services) Contact: +91 8860233217 (India)**

**+61 468311767 (Aus)**

**Overall Experience: 11.5 Years Portfolio:** [**https://ravikeshpr.github.io**](https://ravikeshpr.github.io)

Notice period: 30 Days

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| **Key skills**   * JavaScript/ES6: 11 years * Reactjs: 6.5 years * Redux: 6 years * Unit testing: 6 years * Nodejs: 4 years * HTML5 : 11 years * CSS: 11 years * StyledComponents: 4 years * Angular: 2 years * Typescript: 2 years * Lodash: 10 years * Moment.js: 10 years * Agile: 7 years * Git: 10 years * NPM: 10 years * VSCode: 8 years   **Education**  **Bachelor of Technology**  in **Computer Science and Engineering**  from  **Karunya University, Coimbatore, India**  Graduated in 2012 | **Summary**  Innovative Front-End Developer with **proven experience in building and maintaining responsive websites**. I am with TCS as an Assistant Consultant. I have onsite experience of 6 years in Australia, working in the banking and retail domains.  **Career history**  **Senior Developer TCS**  May 2022 – Till Date  Implementing end-to-end web applications involving discovery, estimation, architecture design, and coding implementation  Key Responsibilities   * Coding and unit testing of User stories using Reactjs, Redux, HTML5, Jest, Enzyme, and CSS3. * Help groom and estimation of user stories * Initial code setup and technology stack decisions for FE code * Setting up coding best standards   **Senior Developer** at Infosys  March 2019 – April 2022  Implementing end-to-end web applications involving in discovery, estimation, architecture design, and coding implementation  Key Responsibilities   * Coding and unit testing of User stories using Reactjs, Redux, Nodejs, HTML5, Jest, Enzyme, and CSS3. * Leading team of onsite and offshore developers   **Developer** at Infosys  Nov 2017 – Feb 2019  Onsite coordinator, working with the client to understand requirements and doing Proof of Concept code for new work.  Key Responsibilities   * Coding and unit testing of User stories using Reactjs, Redux, Nodejs, HTML5, Jest, Enzyme, and CSS3. * Helping Business Analysts in grooming user stories.   **Technology Analyst** at Infosys  July 2012 – Oct 2017  Many projects in different domains involve the development of projects using the latest front-end technologies for different clients. Worked for well-known clients like Citibank, American-Express, Novartis, Pfizer, etc. |

**Technical Skills**

**UI Frameworks and Libraries:** Reactjs, Redux, Angular4, Nodejs, ES6, Typescript, NPM, HTML5, Moment.js, JavaScript, CSS3, jQuery**.**

**Periphery knowledge:** Git, Jira, AWS, SQL, Java, Bamboo, microservices, JWT authorization, and authentication

**Software Packages:** Visual Studio Code, Eclipse, Visual Studio,

**Operating System:** Android, Windows, Linux, iOS

**Soft Skills**

* 15 days of training on Professional Skills Development at the Infosys training program. It included articulation skills, presentation skills, corporate writing, and group dynamics development.
* A good communicator and a leader
* Have served 6 months as secretary of Toastmasters club, Infosys Chandigarh.

**Certifications**

* Microsoft: 480 programming in HTML5 with JavaScript and CSS3.
* Infosys certified Reactjs and Front-end developer

**Project Details**

**Project 1: Traceability Project for end-to-end traceability of the product for the Biggest Retail client in Australia**

**Short description:**

Application to trace the product from the farm to the aisle of the store. Details with time spent in all the different steps of the supply chain with complete details of temperatures, time spent, and different identification numbers associated at a different stage for a different type of product. Presenting details in line and bar graphs for better visibility.

**Roles and responsibilities:**

* Development of features based on user stories.
* Working as a development lead of developers both onshore and offshore for quality-focused work delivery.
* Setting up new coding repos and development best practices to be followed by the team
* Taking part in UI architectural design and helping in efficient data representation on UI pages.
* Estimation of effort from technical design and business requirements.
* Taking part in Agile Ceremonies for prioritization of stories based on readiness and delivery of sprints.
* Unit tested and modular code for reusability and performance on priority.
* Component-based architecture for Reusability Using concepts of HOC, Normalized state, proper use of reducers, and routing.
* **Libraries Used:** NPM, Create-React-App, React, Redux, Javascript(ES6), HTML5, redux-form, Styled-components, Lodash, Moment.js, jest, and Enzyme for unit testing, GraphQL

**Project 2: Unsecure Lending web application for the business banking team of one of the Oldest Banks in Australia**

**Short description:**

Responsive application using the latest features in react ecosystem to provide loans without requiring any security but based on the income history and savings details of a customer. Upgraded the same application for Covid-19 government guarantee support loans.

**Roles and responsibilities:**

* Working as a development lead and coding to implement user stories of the project, leading a team of developers both at onshore and offshore for quality-focused work delivery.
* Up-skill new developers to start working at the same pace as other teammates.
* Taking part in UI architectural design and helping in efficient data representation on UI pages.
* Estimation of effort from technical design and business requirements.
* Taking part in Agile Ceremonies for prioritization of stories based on readiness and delivery of sprints.
* Unit tested and modular code for reusability and performance on priority.
* Component-based architecture for Reusability Using concepts of HOC, Normalized state, proper use of reducers, and routing.
* Using Nodejs and express for developing APIs and data orchestration from different systems coming together to be presented in UI.
* Data validation and token management for validation and security.
* **Libraries Used:** NPM, Create-React-App, React, Redux, Javascript(ES6), HTML5, redux-form, Styled-components, Lodash, Moment.js, jest, and Enzyme for unit testing. Nodejs, Expressjs, Normalizer.js

**Project 3: Business Transactions and Statements Details download project for one of the Oldest Bank in Australia**

**Short description:**

Business Transaction visibility application targeting new businesses to provide details of transactions of EFTPOS machines, and statements to download using React, Redux and Nodejs-based Responsive application.

**Roles and responsibilities:**

* Development of a responsive application using React-Redux and leading libraries in an ecosystem like- Redux-forms, Styled Components, Normalizer.js, Prototypes, Create-React-app CLI.
* Unit tests using Enzyme and Jest libraries.
* Component-based architecture of application to make it as scalable and reusable as possible.
* Tapping into the newest libraries like ReduxForm and Styled components in React ecosystem.
* Suitable data management using Redux state management and organizing incoming data using Normalizer.js.
* Using Nodejs for orchestration of data in and out of the application.
* Data validation and security with Nodejs.
* **Libraries Used:** NPM, Create-React-App, React, Redux, Javascript(ES6), HTML5, redux-form, Styled-components, Lodash, Moment.js, jest, and Enzyme for unit testing. Nodejs, Expressjs, Normalizer.js

**Project 4: Responsive Invoicing Application for one of the Oldest Banks in Australia**

**Short description:**

Invoicing application targeting SMEs of Australia and give a value-added with their account to manage to invoice of their businesses. React, Redux and Nodejs-based Responsive application.

**Roles and responsibilities:**

* Understand the requirements of the organization’s newly adopting Reactjs to demonstrate the team’s technical capability to deliver the project in time.
* Onboard offshore team after assessment and up-skill them for working on a new project.
* Working as a development lead of the project, leading a team of offshore developers
* Estimation of effort and team from technical design and business requirements.
* Taking part in Agile Ceremonies for prioritization of stories based on readiness and delivery of sprints.
* Unit tests using Enzyme and Jest libraries.
* Component-based architecture of application to make it as scalable and reusable as possible.
* Tapping into the newest libraries like Redux Form and Styled components in React ecosystem.
* Suitable data management using Redux state management and organizing incoming data using Normalizer.js.
* **Libraries Used:** NPM, Create-React-App, React, Redux, Javascript(ES6), HTML5, redux-form, Styled-components, Lodash, Moment.js, jest, and Enzyme for unit testing. Nodejs, Expressjs, Normalizer.js

**Project 5: Risk Management Application for one of the Oldest Banks in Australia**

**Short description:**

The project is to develop a portal for the bank, which takes care of managing risk calculations related to clients as a customer or organizations.

**Roles and responsibilities:**

* Leading team of 20 developers offshore and co-ordination with the onsite team to understand requirements and help developers to complete their stories.
* Development of the application using Angular-CLI, Angular4, Typescript, and ngx-bootstrap to design component-based applications.
* Developed different reusable components and used them in different parts of the application.
* Use of core concepts like passing data between components, services, directives, pipes, and templates to make an application out of reusable components.
* Use of observables and subscribing to deal with the asynchronous request.
* Used several new features like reactive Form of Angular2, one-way data binding, two-way data binding, View Child, and passing data between components.
* **Libraries Used:** NPM, Angular4, ngx-Bootstrap, Typescript, HTML5, CSS3, Angular-cli

**Project 6: Performance enhancements of an Angularjs application, infusing React with it.**

**Short description:**

The project was to enhance the performance of an already built project by a third-party company. A crew management portal of a US-based leading airline company. Portal is for crew members of airlines where they could log in with their credentials and see all the details, assignments, and alerts related to them. Also, they can see the details of flights and their assignments to flights and manage their time accordingly.

**Roles and responsibilities:**

* Application had serious performance issues because of angular watchers going out of control with large data tables in the application and not good module structuring.
* Performance of an application is measured using chrome profiler and Batarang.
* Implemented tables with Reactjs to take benefit of its virtual DOM rendering and reduce angular watchers.
* Other performance enhancement steps like changing one-way data binding where possible and module restructuring, and service call rewriting were taken
* **Libraries Used:** Angularjs1.5, Reactjs, JavaScript, HTML5, CSS3, Bootstrap.

**Academic Profile**

* B.Tech. (CSE), 2008-12, Institute of Technology, Karunya University, Coimbatore - 8.2/10
* Class XII, 2006-08, H. D. Jain College, Ara (BSEB) - 62.77%
* Class X, 2004-05, Catholic High School, Ara (BSEB) - 73.2%

**Personal Profile**

* Name: Ravikesh Pratap Singh
* Nationality: Indian.
* Languages known: English, Hindi.
* Hobbies: Pool, Basketball.
* Assets: Adaptability, Hard work, Optimistic, Team worker

**DECLARATION**

I hereby declare that the above-mentioned statements made me are true and correct to the best of my knowledge.

**Date:**

**Place: (Ravikesh Pratap Singh)**