

Ravikesh Pratap Singh

Developer (React, Angular(Javascript))

Experience: 6.2 Years

Currently working in Sydney (457 visa) for Infosys Ltd. India.

ravikeshpr@gmail.com

Contact: +61 468311767

Career Objective

To utilize my analytical problem solving techniques, my skills, experience and ability to work in a team for achieving organizational goals and in this process grow as professional developer.

Project Details

Organization: Infosys Ltd.

Designation: Technical Analyst

Project 1 (*Current Project*) – Responsive Invoicing Application for one of the biggest bank of Australia.

Short description: Invoicing application targeting SMEs of Australia and give a value added with their account with Bank. React, Redux and Nodejs based Responsive application.

- Development of a responsive application using React-Redux and leading libraries in ecosystem like- Redux-forms, StyledComponents, 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 possible.
- Tapping into 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.

Technologies Used:

Front End: NPM, Create-React-App, React, Redux, Javascript(ES6), HTML5, ReduxForms, StyledComponents, Lodash, Moment.js, jest and Enzyme for unit testing.

Back End: Nodejs, Expressjs, Normalizer.js

Project 2 – Risk Management Application for one of the biggest bank of Australia.

Short description: Project is to develop a portal for the bank, which takes care of managing risk calculation related to clients as a customer or organizations.

- Development of the application using Angular-cli, Angular4, Typescript and ngx-bootstrap to design component based application .
- Developed different reusable components and used it in different parts of the application.
- Use of core concepts like passing data between components, services, directives, pipes and templates to make application out of reusable components.
- Use of observables and subscribing to deal with asynchronous request.
- Used several new features like reactive Form of Angular2, one ways data binding, two way data binding, ViewChild and passing data between components.

Technologies Used: NPM, Angular4, ngx-Bootstrap, Typescript, HTML5, CSS3, Angular-cli .

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Project 3 – Performance enhancements of an Angularjs application, developing React with it.

Short description: Project was to enhancing the performance of already build project by third party company. A crew management portal of US based leading airlines company. Portal is for crew members of airlines where they could login with their credentials and see all the details, assignment and alerts related to them. Also they can see the details of flights and their assignments to flights and manage their time accordingly.

- Application had serious performance issues because of angular watchers going out of control with large data tables in application and not good module structuring.
- Performance of 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

Technologies Used: NPM, Angularjs1.5, Reactjs, ES6, HTML5, CSS3, Babel, Webpack, GULP.

Project 4 – Smart payment Portal for a World's Leading Bank.

Short description: Smart payment portal gives a web based experience that provides buyer with flexible payment options. By giving freedom to use same login Id and password once registered with organization, to be used at different type of logins. Also Partial payment option for customer was implemented by giving freedom to divide payment among many credit cards or bank accounts without affecting supplier standard collection process of payment.

- Complete frontend for the app which uses angular and it's MVC structure for logical and UI structuring and coding.
- Worked in team of two Frontend developers to deliver the product from scratch.
- Register cards and bank accounts of the customer with the bank and facilitate thesecure payment.
- Dashboard with all consolidated payments information with details.
- Interacts with different servers for authentications and to get data.
- Bootstrap and HTML5shiv use to make cross browser compatibility and responsive.
- Other libraries use like, Underscore.js, normalize.css and Moment.js for different functionalities

Technologies Used: Angularjs1.3, JavaScript, HTML5, CSS3, Bootstrap.

Project 5 – “Image Editing app” with use of HTML5 and JavaScript.

Short description: Idea of the project was to provide user with different options to click or select image from phone gallery and customize image on their own and send it as a Greetings to their friends.

- It is an app for doing basic image editing and forward that image as greeting card.
- Development involved use of HTML5, CSS3, JavaScript and jQuery libraries.
- Project also involved use of Rest Web service to send the edited image and to save in database.
- Image editing functionalities like crop, rotate, blur effect, blending effect etc. was implemented with help of third party JavaScript library.

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Technical Skills

UI Frameworks and Libraries:

Reactjs, Redux, Angularjs, Nodejs, NPM, HTML5, Moment.js, JavaScript, CSS3, jQuery .

Computer Languages : Core Java .

Software Packages : Visual Studio Code, Git, Jira, Eclipse, Visual Studio 2012,

Other Skills/Interests : Adobe Photoshop, Leadership Skills.

Operating System : Android, Windows,Linux,iOs

Soft Skills

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

Certification

- Microsoft: 480 programming in HTML5 with JavaScript and CSS3.

Professional Experiences

- Over 5.5 years of experience in web apps development using latest javascript frameworks.
- Worked for clients of different domains like, Card Payment and online payment and invoicing etc.
- Have worked on projects development with developers from different countries and successfully delivered many projects on time.
- Experience of development and testing of apps.
- Experienced in Latest technology in Web Development which follows MVC structure and have good understanding.

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 by me are true and correct to the best of my knowledge.

Date:

Place: Sydney

(Ravikesh Pratap Singh)