

**PRASAD B**

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**Summary:**

- 5+ years of knowledge in Web based Application Development includes HTML, CSS, JavaScript, ES2015, React, Node, REST Web Services.
- Worked with React, React Router and Redux state management of application.
- Implemented view architecture of React.js in developing the components which are totally customized to meet the needs of the application.
- Ya Experienced working with Redux to manage the whole state and developed the well-designed store, actions, and reducers.
- Experienced working with Redux-Sagas as middleware to handle asynchronous events/side effects.
- Experienced UI developer with the experience of developing web applications using all the latest and greatest web technologies like HTML5, CSS/CSS3, JAVASCRIPT, JQUERY, REQUIREJS, NODEJS, GRUNT, BOOTSTRAP, LESS, BOWER, JASMINE, KARMA MOCHA CHAI, PROTRACTOR & CUCUMBER, JSON, RESTful Services.
- Worked with Next.js and developed server-side rendering application.
- Experienced in working on Responsive Web Designs using Bootstrap and CSS3 Media Queries.
- New library development with micro services architecture using REST APIs, Spring Boot, and pivotal cloud foundry.
- Used Micro-Front architecture to reuse the modules across other applications.
- Experienced in MERN stack MongoDB, Express, React, Node.
- Used Node for developing REST web services using Express and integrating with Mongo db.
- Used JWT, passport for security configurations on Node.js
- Integrated AWS Cognito with Express for Authentication and Authorization.
- Deployed application onto AWS EC2 instances using Jenkins and configured auto scaling of application using cloud formation
- Good experience with new CSS3 features.
- Worked with Bootstrap for Responsive Web design. Worked with SASS preprocessor.
- Developed a Mobile application for android and iOS with React Native and phone gap in different projects.
- Proficient in RDBMS using Oracle, MySQL database servers. Worked with NoSQL databases like MongoDB
- Worked on Amazon Web Services (AWS) EC2, SQS and S3.
- Experience with WebLogic, IBM WebSphere, Apache Tomcat & JBOSS Application server.
- Good experience in Unit Testing using Junit and Mockito.
- Used Mocha, Jasmine, Karma, Chai tools and frameworks for JavaScript testing to implement Test Driven Development.
- Good Experience in using Version control system software like SVN, GIT.

**Technical Skills :**

- **Tool** MS Office
- **Programming Languages** JavaScript
- **Web Development** HTML5, CSS, JS, React, NodeJS, Backbone
- **Databases** MS SQL, MySQL, MariaDB, Oracle
- **Development IDE** Eclipse, NetBeans, Visual Studio, Android Studio, IntelliJ
- **Operating Systems** Windows, Linux, Mac.

**Work Experience:****Role - Consultant**

**Organization- Capgemini technology services India private limited**

**Project – SupplyDay(E-commerce)**

**From January 2023 to till date**

- Implemented Micro-services based architecture on the UI.
- Developed and designed application using HTML5, CSS3, Material UI styled components, React.js, Redux.js, Node.js.
- Involved in integrating micro-services apps as a single application.
- Researched Micro front and SPA's architecture while implementing Micro-services architecture
- Used NGRX state Management to maintain the state of the application on the client side. Used Actions, reducers and side effects.
- Used routing techniques to render UI components on to the screen.
- Implemented authentication using route guards (Can activate, can deactivate and can-activate child etc.)
- Implemented infinite scroller to handle large amount of data sets on the browser.
- Implemented token based auth on the UI by using browser sessions.
- Implemented multiple request interceptors to append headers to the request calls and response interceptor to implement global error handling
- Worked and customized on Ag-grid in some parts of the application to implement functionalities like filtering, sorting etc.
- Handled browser memory efficiently with large data sets and also with the memory leaks while using RXJS.
- Used RXJS operators like switch map, merge map, concat, map etc. to implement different functionalities.
- Involved in using React.js with Redux to separate the data and presentation layer to handle the state and update the UI utilized Redux store.

- Used Http client module to perform backend API calls.
- Used Angular Material and NgBootstrap components.
- Used SCSS for responsive design.
- Used date-functions library to handle dates on the UI.
- Implemented tables with large data sets with custom pagination, sorting, filtering etc. along with backend.
- Used reactive forms with form arrays and nested formgroups with reactive validations.
- Implemented customized inline form updates and creation using reactive forms and form Arrays.
- Used ngx-formly (this is built on top of reactive forms) to handle large forms with minimum html.
- Worked on Jasmine and Karma to implement test cases.
- Used linting to follow coding standards.
- Used custom state management by using Immutable behavior subject for few modules and services.
- Involved in PR code reviews to merge PRs.
- Involved in discussions in peer-peer component and routing designs.
- **Environment:** Marko.js, JSP, HTML, CSS, JavaScript, Node.js, React, Redux, Maven, Altus cloud management, Cloud formation, Node Express, JEST, Enzyme and Marko Testing Library, GIT.

## **Role-Senior Engineer**

### **Project - BAMA**

#### **Organization- L&T technology services private limited**

#### **From August 2018 to December 2021**

- Developed and designed application using HTML5, CSS3, Material UI styled components, React.js, Redux.js, Node.js, AWS EC2, S3, Cloud Formation.
- Used Moment.js to parse, validate, manipulate, and display dates and times in JavaScript.
- Used Bootstrap and React to create Controllers to handle events triggered by clients and send request to server.
- Used React-Router to turn application into Single Page Application.
- Involved in using React.js with Redux to separate the data and presentation layer to handle the state and update the UI utilized Redux store.
- Used React JS for templating for faster compilation and developed reusable components.
- Used REST web service to exchange JSON data between applications over HTTP.
- Developed Restful web services with Node Express and Restful web services.
- Integrated AWS Cognito with Express for Authentication and Authorization.
- Deployed application onto AWS EC2 instances using Jenkins and configured auto scaling of application using cloud formation

- Worked on Unit testing JavaScript applications using JEST and Enzyme.
- Worked with GIT Version control.
- Developed build script using maven to build, package, test and deploy application in application server.
- Involved in implementing test cases using Jasmine and Karma to test angular controllers and services.
- **Environment:** HTML, CSS, JavaScript, React, Redux, Spring, Maven, webpack, babel, AWS Cognito, S3, EC2, Cloud formation.

#### **PROFESSIONAL EXPERIENCE:**

- Working as Consultant in Capgemini technology services India private limited from January 2023 to till date
- Worked as Senior DevOps Engineer in Johnson controls India private limited from March 2022 to September 2022.
- Worked as Senior Engineer in L&T technology services India private limited from August 2018 to December 2021.

#### **ACADEMIC DETAILS:**

- Pursued Electrical and Electronics Engineering from VTU Belagavi in the year 2016.