

# Ram Prasanth Murugappan

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## SUMMARY

Experienced React Developer with over 8 years of experience at top firms like IBM, Infosys. I possess diverse industry experience, including banking, retail (B2B E-commerce), and AI-ML. Skilled in collaborating with a cross-functional team to gather requirements and integrate with backend API, test suite implementation, and performance optimization. Proficient in addressing scalability issues, staying up-to-date with emerging techniques and frameworks.

## ACCOMPLISHMENTS

- Built over 6 tailored storybook reusable React JS components from scratch in a customer-facing role to address diverse application needs. This facilitated speedy development and resulted in an enhanced user interface.
- Acted as a Subject Matter Expert (SME), collaborating actively in end-to-end architecture design patterns with the product managers/business leaders to define the roadmaps and performing rigorous peer code reviews to uphold the coding standards.
- Got acknowledged by the client for complete ownership, solving critical production issues, mentoring junior engineers to ship quality production-ready features.
- Implemented web accessibility feature in adherence to industry guidelines and best practices using Typescript, and maintained 100% unit test and integration test coverage using Jest and React Testing Library (RTL).

## SKILLS

- **Frontend Development:** Javascript ES2019+, ReactJS 16+, React hooks, Redux, HTML5, CSS3, Bootstrap, SCSS/SASS, Tailwind CSS, Next.js
- **Backend Development:** Node.js, Express.js, MongoDB, Spring Boot
- **Other Libraries & Technologies:** Typescript, styled-components, Chart.js
- **Cloud:** AWS
- **Testing Libraries:** Jest, React Testing Library (RTL)
- **API Development:** RESTful API, GraphQL, Apollo Client
- **Tools & Applications:** Continuous Integration/Continuous Deployment(Teamcity, Jenkins) , Splunk, Swagger, Kafka, BitBucket, GitHub, NVDA, JIRA, Confluence, Rally, SSO, Apigee, Pivotal Cloud Foundry, Docker, Slack, Artifactory, Figma, Invision, Webpack, Babel, NPM, Slack.
- **Hard & Soft Skills:** User Experience, TroubleShooting, Time Management, 2 Factor Authentication, Accessibility, WCAG, Test-driven Development, Cross-browser compatibility, Problem-solving, Micro Frontend, Communication, Teamwork, Unit Testing, Self-starter, Agile methodology, Debug, Leadership

## **WORK EXPERIENCE**

### **Senior Front End Developer**

Oct 2021 to Feb 2024

#### **IBM Pvt Limited**

- Built interactive large-scale single page web applications using React.js and Typescript from scratch based on logical requirements and UX design, resulting in 30% improved user engagement.
- Orchestrated the creation of over 120 unit and integration test cases with Jest and React Testing Library(RTL), ensuring comprehensive coverage of application functionalities.
- Seamlessly integrated NodeJs APIs with UI using REST API and GraphQL & Apollo Client for effective data fetching.
- I significantly contributed to the Figma UX design conversation, which led to an enhanced user experience based on survey feedback and ensured that the visual design principles were adhered.
- Conducted rigorous peer code reviews to uphold the quality standards and integrity of the application codebase, and provided constructive feedback to peers to enhance quality and collaboration.

### **Consultant(Front-End/Full-stack Engineer)**

Jan 2019 to Oct 2021

#### **Infosys Limited**

- Led a team of front-end developers in the design and implementation of robust web applications to provide 2 Factor authentication. By optimized solution and better handling of downstream applications, we achieved a 20% increase in user engagement and timely addressed bug fixes.
- Implemented 10+ test suites to confirm 100% code coverage using Jest and React Testing Library.
- Utilized Next.js for developing a full stack web application, resulted in a 40% increase in the performance and user experience. Also responsible for documenting design and best practices.
- Experience in migrating the legacy web application and implementation of an add-on feature, a chatbot, to improve website performance. Configured a base setup for the entire UI application.
- Awarded best performer(FY20-21) and INSTA for consecutive quarters(Q2 and Q3 FY20-21 for my contribution. Recruited 5-6 resources for my unit and mentored them based on their needs.

### **Software Engineer**

July 2018 to Jan 2019

#### **Object Frontier Software Pvt Limited**

- Exponentially saved end-users time by building a user friendly e-commerce web application using React.js.
- Streamlined front-end performance through efficient state management and component reusability
- Actively participated in the team discussions and with the onsite client team for requirement gathering and determining the system design.
- Gained product-focused startup experience and collaborated with cross-functional teams to design and implement new features, improving overall application performance by 30%.

**Engineer**

Oct 2015 to July 2018

**Mindtree Limited**

- Contributed to the UI (behavior and design) development as per the UX design.
- Written 60+ test cases to test and debug the application modules.
- Accomplished 100% accessibility that assured convenient use by all end-users.
- Fixed the defects in testing and production environments.

## **CERTIFICATIONS**

Certified AWS Cloud Practitioner.

Infosys certified 'Open source professional'.

IBM certified 'Front End developer'.

## **EDUCATION**

**Post Graduate Diploma in Internet Technology**

2019 to 2020

Annamalai University

**B.TECH in Information Technology**

2011 to 2015

Anjalai Ammal Mahalingam Engineering College