

PRATHEEKSH JOSEPH

SENIOR FRONT END ENGINEER

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EDUCATION

Masters in Computer Applications

Aug. 2012 to Jun. 2015
Bangalore University, Karnataka, India.

Bachelor of Science in Mathematics

May. 2009 to Jun. 2012
Kannur University, Kerala, India.

PROFESSIONAL SKILLS

Web Technologies

- HTML5/CSS, JavaScript, TypeScript, SCSS/SASS
- JSON, AJAX, API
- MVC, Bootstrap / Material UI

JavaScript Libraries / Frameworks

- ReactJS, Angular 4 - 12, Ionic-2
- React Hooks, React Redux, Redux Rematch, React Persist, React-D3-Tree, Redux Toolkit
- Angular RxJS, NG-CLI

Version Control

- Tortoise SVN
- Git / GitLab / Bitbucket

Agile Tools

- JIRA
- Trello

OS Windows & Linux

Familiar With

- Jest Unit Testing for ReactJS Applications.
- WebSockets, Socket.IO.
- Java basics, OOPS concept.
- Web Components.
- CI/CD pipeline implementation.

CAREER OBJECTIVE

Highly motivated, dedicated and passionate Senior Frontend Engineer with extensive experience in creating responsive and user-friendly web applications. Seeking a challenging role in Canada to leverage my expertise in frontend development and contribute to innovative projects while complying with Canadian industry standards and best practices.

EXPERIENCE SUMMARY

I am a seasoned Senior Frontend Engineer with over 7 years of experience in designing and developing responsive, high-performance web applications. Throughout my career, I have demonstrated a strong proficiency in modern frontend technologies, an ability to lead cross-functional teams, and a track record of delivering innovative solutions. My expertise includes:

- **Frontend Tech Stack:** Proficient in HTML, CSS, and JavaScript, with extensive experience in frontend libraries and frameworks such as React and Angular. I have a deep understanding of component-based architecture and state management.
- **User-Centric Plan:** I prioritize user experience (UX) and accessibility in all my projects. I collaborate closely with UX/UI designers to create visually appealing, intuitive, and accessible web interfaces.
- **Optimization Techniques:** I specialize in optimizing web applications for speed and efficiency. This includes improving page load times, reducing server requests, and employing best practices for web performance.
- **Best Practices:** Experienced in implementing best coding practices, code reviews, and documentation for maintaining high-quality codebases.
- **Mentoring and Collaboration:** I have successfully led and mentored frontend development teams, fostering collaboration with backend developers, designers, and product managers to ensure seamless integration and delivery of projects.
- **Responsive Design:** I excel in implementing responsive web design principles, ensuring applications function flawlessly on various devices and screen sizes.
- **Agile Methodologies:** I am well-versed in Agile and Scrum methodologies, actively contributing to sprint planning, daily stand-up meetings, and have an iterative approach to software development. I have a strong knowledge in agile development status tracking through JIRA.
- **Innovative Solutions & Problem-Solving:** I thrive on solving complex technical challenges and enjoy staying current with emerging updates in frontend technologies to incorporate innovative solutions into projects.

My career has been marked by successful project deliveries, where I've leveraged my skills and experience to create user-centric, performant, and scalable web applications. I am committed to driving the development of cutting-edge web solutions and am eager to contribute my expertise to your team.

Lead Frontend Engineer

QBurst | February 2020 - September 2023

- Developed and maintained high-quality frontend solutions, emphasizing user experience, performance optimization, and adherence to design guidelines and principles.
- Collaborated with cross-functional teams, including UX/UI designers through tools such as Invision and Figma and backend developers, to ensure seamless integration and a cohesive user experience.
- Implemented responsive web design principles, enhancing applications for various devices and screen sizes.
- Utilized frontend technologies and frameworks like ReactJS, Angular to deliver feature-rich and performant web applications.
- Led code reviews, established coding standards, and maintained clean and efficient codebase.
- Actively participated in Agile development methodologies, including sprint planning and daily stand-up meetings.

Software Engineer

ThinkPalm Technologies | March 2018 - January 2020

- Spearheaded the development of complex web applications, focusing on user-centric design and optimal frontend performance.
- Collaborated closely with design teams to translate UI/UX designs functional, visually appealing web interfaces.
- Ensured web applications were responsive and optimized for various devices and browsers.
- Integrated third-party APIs and services to enhance application functionality.
- Contributed to the adoption of best coding practices and the improvement of the development workflow.
- Actively participated in Agile and Scrum methodologies, promoting effective team collaboration.
- Had trained a group of senior project team members for Angular 5+ framework familiarization with Typescript and its core functionalities.

Software Developer

Thinking Code Technologies | September 2015 - March 2018

- Developed and maintained frontend components for web applications, aligning closely with project design requirements.
- Employed version control systems (e.g., Git, SVN).
- Collaborated on the integration of third-party APIs to enhance application features.
- Worked on APIs with backend frameworks for Java including Play framework and Spring Boot.
- Had worked on projects with its presentation layer running on AngularJS and had collaborated with cross-functional development team efficiently to meet the goals.
- Assisted in the adherence to coding standards and documentation requirements.

Major Projects

- **MESSAGE-BOX:** Worked as a lead and senior frontend developer in ReactJS for creating and enhancing feature updates in MessageBox, which is a web application running across multiple domains which helps users to manage large hotels. The app allows hotels to manage all Guest Requests and Hotel Internal Tasks to ensure the highest level of Guest Satisfaction. Everything in MessageBox is chat based which was one of the most challenging parts of the applications that I dealt with. In addition to normal communication, every request or job is in form of an easy to understand chat message.
- **OMICON:** Worked as a lead frontend engineer in ReactJS for a Data-Science project called OMICON which is a portal for the collaborative study of biological systems using omics data. It was created by The Oldham Lab, which is part of the Department of Neurological Surgery at UCSF. The purpose of this project is to ensure that the solution built will create the foundation for storing large number of files, produced as a result of laboratory research work. The application will easily enable search, retrieval, sharing and repackaging of digital assets of biological systems and allow for collaboration between researchers with partial read or write access to various folders and files within a project.
- **CATOS – Cargo Allocation and Tanker Optimization**
Worked as a senior frontend engineer for CATOS System which is envisioned and developed to allocate Cargo and Tanker optimization in the shipping sector industry. The objective of the system is to develop independent cargo allocation and tanker optimization systems for ships on voyages through different ports. Calculations on loading and discharging chemicals at various ports was one of the major challenging modules in development.
- **SMART-SHIP :** Worked as a frontend engineer for SMARTShip which is an IIOT SW platform capable of serving up to 1000's of ships that can connect to all equipment on-board, allows remote monitoring, diagnostics and control, provides descriptive, predictive and prescriptive maintenance, creates operational efficiency for ship staff as well as shore staff, reduces cost and increases ship's life. The SMARTShip platform will offer a central console for ship operators to locally/remotely monitor and control (as available) ship's equipment.
- **RiskCounts :** Worked as software engineer for RiskCounts Enterprise Risk Management Software Platform which is a web application that helps clients with technology solutions and solutions-related consulting across Enterprise and Operational Risk Management. The platform is suitable for a range of industry verticals across banks, asset-managers, insurers, hedge-funds and fintech/start-ups.
- Developed a responsive personal portfolio website, deployed with netlify-github build config, adding major highlights of the projects that I've dealt with over my work period. **Link :** <https://pratej.netlify.app>
- Developed an online clothing web app with basic and relevant key functionalities and is deployed in netlify. **Link :** <https://clothcom.netlify.app>