

Lahasya Kakkadde Rajanna
Frontend Developer
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Professional Summary:

- 7.5+ years of experience as a Front-end UI Developer with specialization in development, and customization of software applications, to deliver robust and scalable applications using Web UI.
- Used JavaScript/TypeScript, and React.js to develop Single Page Application (SPA).
- Developed and updated the webpages using HTML5, CSS3, React.js, Next.js, and Angular.js.
- Ensured seamless cross-browser compatibility to optimize user experience.
- Hands-on knowledge of RWD (Responsive Web Design) techniques and patterns.
- Led the development of large-scale web applications using React.js and Next.js, implementing server-side rendering for improved SEO and performance.
- Integrated GraphQL for efficient data fetching and management.
- Proficient in using Unit testing along with Jest, Enzymes, Mocha, and Chai test libraries.
- Experience analyzing data using Chart JS and D3 JS Library and cloud storage.
- Hand on experience, analyzing and reporting bugs using bug-tracking tools like JIRA.
- Experienced in using testing frameworks like Integration Testing, E2E Testing, and A/B testing.
- Expertise in RESTful web services to integrate between Application to Application.
- Experience working with testing tools like Firebug, Chrome, and IE Developer Toolbar.
- Expertise in using IDE tools such as Eclipse, IntelliJ, Visual Studio code, and Notepad++.
- Experience with browser testing, cross-browser compatibility, and cross-platform compatibility.
- Involved in the Software Development Life Cycle (SDLC), Agile, and SCRUM.
- Installed and configured GIT and communicated with the repositories in GITLAB, and GITHUB.
- Worked with Docker for convenient environment setup of the test environments.
- Worked closely with the QA team in fixing the defects and checking cross-platform compatibility.
- Constantly learned and adopted new web technologies to propose innovative solutions.
- Excellent client interaction skills and proven experience in working as a Team player.
- Some of the attributes that would describe me would be Quick learner and Self-Motivated.

Technical Skills:

UI Web Technologies:	React16+, JavaScript, TypeScript, Redux, AJAX, jQuery, JSON, HTML5, CSS3, Bootstrap, Tailwind, Next.js, GraphQL, Ant Design
IDE Tools:	Visual Studio, IntelliJ, Notepad++, Eclipse, GIT, Docker. Frameworks: React JS, Node JS, Angular JS, Material UI, Bulma
Languages:	JavaScript, TypeScript, Java, MySQL.
Debugging Tools:	React Developer Tools, Firebug, IE Tester, Chrome Elements Inspector.
Testing Tools:	Junit, Jest, Enzymes, Mocha, Chai, Cypress, SonarQube
Cloud:	AWS (EC2, S3, Amplify)
Methodologies:	Agile, Waterfall, Scrum
Version Control Tools:	Git, Bit bucket.
Operating Systems:	Windows, Linux
Design Tools	UXPin, Figma, Adobe Creative Suite.

Professional Experience:**UMass Boston Projects****Sep 2022- Apr 2024****Clients: Massachusetts General Hospital, Atsign****Responsibilities:**

- Designed UI according to client specifications using Figma, ensuring a user-friendly interface for seamless interaction.
- Implemented design patterns to craft straightforward and reusable components, elevating the quality of user interfaces.
- Developed web applications using HTML5, CSS3, Tailwind CSS, JavaScript, TypeScript, ReactJS, and Redux.
- Participated with clients to understand the project requirements.
- Performed unit tests using Mocha and chai.
- Troubleshooting and debugging front-end issues, browser compatibility problems, performance bottlenecks, and other technical challenges.
- Automated testing procedures and deployment workflows, incorporating SonarQube to ensure a seamless integration and delivery experience.
- This approach not only enhanced code quality but also provided comprehensive code analysis, identifying, and addressing potential issues early in the development cycle.
- Other responsibilities include participating in code reviews, providing constructive feedback to peers, troubleshooting, and debugging issues.
- Translate designs mock-ups or wireframes into functional user interfaces, ensuring cross-browser compatibility and performance.
- Applied SVM, Neural Network, and Logistic Regression to predict mortality in burn patients, optimizing model performance for enhanced accuracy in risk assessment. Contributed to advanced data-driven strategies for proactive medical interventions.
- Actively engaging in research projects and coursework, focusing on various cutting-edge technologies.
- Collaborating with professors and peers to contribute to academic projects and stay updated with the latest developments in the industry.
- In Collaboration with Massachusetts General Hospital developed a browser-based online annotation tool for 3D medical image volumes that allows annotations to be shared between users
- Spearheaded a machine learning project focused on predicting the risk of death from burns, leveraging initial blood reports for accurate assessments.
- In collaboration with Atsign Company developed a Library for - RSA, AES, Encryption, and Decryption, and Base64 encode and decode using NodeJS.

Technology Stack: UX designing, Typescript, React.js, JavaScript, Tailwind CSS, Bulma, SQL, Query Writing, Debugging, Relational Databases, Web Applications, Mocha and Chai, Node.js, Java, Machine learning, GraphQL.

Marlabs Innovations Pvt. Ltd, Bangalore - India**Sep 2019 - Mar 2022****Client: Merck, USA****Senior Software Engineer**

Projects: MySite, Sustainable Business Value (SBV), On Demand Knowledge (ODK), MAREA, Color For Beauty (C4B), Billing of Materials (BOM), Governance, Risk & Compliance (GRC).

Responsibilities:

- Contribution to the architectural design of the front-end applications, making decisions on technologies, frameworks, and libraries to be used. Ensured scalability, maintainability, and adherence to best practices in the application's structure and organization.
- Developed software solutions using maintainable and modular code.
- Facilitated up-skilling sessions on diverse topics and conducted routine code reviews to uphold code quality standards and performed code testing using Jest and Enzyme.
- Engaged in daily team standup meetings to provide and receive updates on ongoing tasks, backlog, and challenges, fostering effective communication and collaboration within the team.
- Designed and Developed web applications using HTML5, CSS3, Bootstrap, JavaScript, TypeScript, and React JS that meet accessibility guidelines.
- Utilized CSS preprocessors such as Sass and Less to optimize stylesheet development, ensuring efficient and maintainable code.
- Built a server-rendered web application using Next.js, integrating with GraphQL for efficient data fetching.
- Consistently collaborated with the demand management team to estimate tasks and projects.
- Contributed to open-source JavaScript components library (liquid design).
- Actively participated in coding and development activities. Worked on developing complex user interfaces, implementing interactive features, and ensuring cross-browser compatibility and responsiveness.
- Utilized Chart.js and D3.js libraries for data visualization purposes within a project, employing them to analyze and present data effectively.
- Coordinated the setup and maintenance of robust CI/CD pipelines, including the integration of SonarQube for continuous code quality analysis.
- Proficient in functional, integration, and E2E testing tools and practices. Achieved 80%+ code test coverage through unit testing and utilized SonarQube for vulnerability detection, leading to a 35% reduction in production bugs.
- Utilized Chart.js and D3.js libraries for data visualization purposes within a project, employing them to analyze and present data effectively.
- Deployed and developed the project using AWS EC2, S3 Buckets.
- Optimizing front-end performance by analyzing and improving loading times, reducing file sizes, implementing caching mechanisms, and applying best practices for efficient rendering and data management. Following up with updates on the latest performance optimization techniques.
- Collaboration with Back-end Teams and other stakeholders to ensure seamless integration between the front-end and back-end systems. Communication related to requirements, API design, and working together to deliver efficient and cohesive solutions.
- Followed through on coding standards, best practices, and code reviews to maintain high-quality code. Ensuring proper documentation, version control, and adherence to accessibility standards.
- Testing and Quality Assurance includes unit testing, integration testing, and UI testing, to ensure the quality and reliability of the front-end code. Also contributed to test automation and continuous integration processes.
- Troubleshooting and debugging front-end issues, browser compatibility problems, performance bottlenecks, and other technical challenges.

- Communicating with project managers, designers, and other team members to understand project requirements, provide estimates, and ensure timely and efficient delivery. communicating progress, challenges, and technical decisions effectively to stakeholders.

Technology Stack: MySQL, React JS, Redux, Node JS, HTML5, CSS3, TypeScript, JavaScript (ES5 and ES6), Jest and Enzyme, Cypress, jQuery, JSON, AJAX, REST API, SharePoint, Liquid Design, Bootstrap, Next.js, GraphQL, SQL, Postgres, SharePoint, Figma, UXPin.

Infosys Limited, Bangalore - India

May 2016 - Sep 2019

Client: Ameriprise, USBank, USA.

Senior System Engineer

Projects: Trade Correction Application, CADRE,

Responsibilities:

- Developed responsive web applications using HTML5, CSS3, Bootstrap, Ant Design, TypeScript, JavaScript, and React JS that meet accessibility and web browser standards for websites.
- Participated with end users and business analysts to understand the business requirements.
- CSS styles were developed to preserve the uniformity of all the screens throughout the application and positioning of screen objects.
- Collaborated with cross-functional teams, including managers and UX Designers, to prototype, conceptualize and implement new features.
- Optimized deployment processes, achieving a more than 50% reduction in deployment tracker time.
- Implemented design patterns to craft straightforward and reusable components, elevating the quality of user interfaces.
- Sprint planning and Mentoring Junior Developers.
- Involved in using React JS components Forms, Events, Keys, Router, Animations, and Flux concepts.
- Collaborated closely with the backend team to visualize data through Custom components, Library components, and Redux integration.
- Implemented various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
- Used web services RESTful for transmission of large blocks of XML/JSON
- Coded to implement AJAX based application by fetching the response from back-end REST API.
- Implemented React JS code, including polyfills, to address cross-browser compatibility concerns across Mozilla, IE 7, 8, 9, and Safari browsers.
- Maintaining parent and child elements by using State and Props in React JS
- Architected and developed large scale web applications with React JS.
- Used React-Router to turn applications into SPA.
- Experience in working with GIT for branching, tagging, and merging.

Technology Stack: Oracle, MySQL, React JS, Redux, Node JS, HTML5, CSS3, TypeScript, JavaScript, jQuery, JSON, AJAX, RESTFUL, Bootstrap, Ant design, Java, XML, MongoDB, Figma, UXPin.

Education:

- Master of Science, University of Massachusetts, Boston, MA- 2023