

Jayakishan Presingu

940-331-8495 | presingu.jayakishan@gmail.com | Irving, TX

[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SUMMARY:

- Proficient in developing interactive and responsive user interfaces using React.js, JavaScript, HTML, and CSS.
- Experienced with relational (SQL) and NoSQL (MongoDB, Redis) databases for efficient data storage & retrieval.
- Contributed to the end-to-end design and development process of the React application,
- Strong expertise in writing unit tests for React.js components using frameworks like Jest, React Testing Library.
- Transformed the React application into a mobile-responsive experience, ensuring optimal performance and usability on various mobile devices.
- Experience in working with popular UI component libraries for React.js, such as Material-UI, React Bootstrap.
- Experienced in Next.js server-side rendering (SSR) for enhanced performance and SEO optimization.
- Developed React components using Service-Oriented Architecture (SOA) principles to ensure modularity and reusability in the application.
- Familiarity with data visualization libraries like D3.js or Chart.js, enabling the creation of interactive and visually appealing charts and graphs in React.js applications.
- Experienced in Agile (Scrum), driving streamlined development workflows for enhanced team communication and efficiency.

EDUCATION:

Master of Science in Computer Science

University: University of North Texas – Denton, TX, USA.

Duration: January 2021 - May 2022

Bachelor of Technology in Computer Science & Engineering

University: Jawaharlal Nehru Technological University, Kakinada – AP, India.

Duration: June 2014 - May 2018

PROFESSIONAL EXPERIENCE:

Role: REACT DEVELOPER

Duration: August 2022 - Present

Company: Shrive Solutions LLC. – Charlotte, NC.

Responsibilities:

- Developed a comprehensive health portal using React.js for WellCare, aimed at providing patients, healthcare providers, and administrators with a seamless digital healthcare experience.
- Experience in building interactive, responsive web applications using React.js, JavaScript, HTML5, and CSS3.
- Developed React components that interacted with microservices, contributing to the overall architecture's scalability and flexibility.
- Collaborated with backend developers to define and implement RESTful web services that met the requirements of the React application.
- Expertise in Redux for managing complex application states, including actions, reducers, selectors, and middleware like Redux Thunk, Redux Saga.
- Utilized Redux Saga to handle asynchronous actions and side effects in the React.js application, simplifying the management of complex asynchronous logic and API calls.
- Effectively improved React.js app performance using advanced strategies like code-splitting, lazy loading, and memoization. Identified and resolved bottlenecks using React DevTools and Chrome DevTools, enhancing UX.
- Implemented secure authentication, authorization in React.js applications for access control, data protection.
- Implemented React Router for seamless client-side routing and navigation, enhancing the user experience.
- Integrated RESTful APIs with React.js applications using Axios, Fetch API, enabling seamless data exchange between the frontend and backend systems.
- Proficiently crafted reusable and modular React components by leveraging functional components and hooks, ensuring code simplicity, reusability, and adherence to best practices for code organization and maintainability.
- Collaborated closely with UI/UX designers to translate design mockups and wireframes into functional React.js components, ensuring a visually appealing and intuitive user interface.
- Implemented Jasmine unit tests for React components, ensuring code quality and preventing regressions.

- Implemented responsive designs using CSS frameworks like Bootstrap or Material-UI, ensuring a consistent and optimized user experience across different devices and screen sizes.
- Collaborated on a cross-functional team to build a React-based web application that seamlessly integrates with iOS devices, providing a consistent user experience across both platforms.
- Leveraged responsive design techniques to ensure optimal performance and appearance of the application on iOS devices, enhancing user engagement.
- CI/CD pipelines to automate the build, test, and deployment processes, ensuring rapid and reliable delivery of React.js applications to production environments.
- Collaborated with backend developers to define and consume RESTful APIs, ensuring seamless communication and data synchronization between frontend and backend systems.
- Continuously stayed updated with the latest trends and advancements in React.js and front-end development, actively learning and adopting new technologies and best practices.
- Proficient in integrating React.js with APIs and backend systems, including RESTful APIs and GraphQL. Skilled in data fetching, state synchronization, and efficient data retrieval using tools like Axios or Fetch API.
- Implemented Git-based version control workflows that facilitated collaboration and code review within the React development team.

Role: FRONT END ENGINEER

Duration: July 2016 – December 2020

Company: VRK Technologies PVT. LTD. – Hyderabad, India.

- Experience in state management with Redux, ensuring a centralized, predictable flow in React.js applications.
- Skilled in optimizing React.js apps for performance, implementing code-splitting and lazy loading techniques.
- Utilized SCSS (Sass) to streamline and enhance the styling process, resulting in more maintainable and organized stylesheets for the React application.
- Understanding of modern front-end development workflows and tools like Webpack, Babel, and ESLint.
- Proficient in using CSS preprocessors like Sass or Less to create modular and reusable styles, while also applying CSS vendor prefixes and techniques to ensure a seamless experience across different browsers.
- Integrated RESTful APIs and backend services with React.js, enabling dynamic content updates.
- Implemented responsive UI components using Material-UI and React Bootstrap.
- Experienced in writing unit tests using popular testing frameworks like Jest, Enzyme, or React Testing Library. Proficient in test-driven development (TDD) methodologies, writing testable, maintainable code.
- Implemented form validation and user input handling using React.js libraries such as Formik, React Hook Form, ensuring data integrity and enhancing user interaction.
- Collaborated with the Android development team to share best practices and insights, contributing to a seamless user experience across diverse platforms.
- Integrated AWS services like S3 for static asset hosting and Lambda for serverless functions, enhancing frontend interactivity and content delivery.
- Integrated DynamoDB for data storage, retrieval in frontend applications, ensuring seamless user experiences.
- Implemented DevOps practices within the development workflow, including CI/CD, resulting in faster feature releases and improved collaboration between development and operations teams.

TECHNICAL SKILLS:

Programming/Web Technologies: Java, HTML5, CSS3, JavaScript, TypeScript.

Java Technologies: J2EE, JDBC, Servlets, Spring Boot, EJB, JSON, JSP, JPA (Java Persistence API)

Frameworks: React.js, Redux, React Router, JSX, Redux Saga, Redux Thunk, Material-UI, Bootstrap

API Integration: Axios, Fetch API

Testing Frameworks: Jasmine, Jest, React Testing Library, Enzyme

Form Libraries: Formik, React Hook Form

Backend Integration: RESTful APIs

Code Optimization: Code-splitting, lazy loading, memoization

Databases: MySQL, Oracle, Mongo DB, Redis.

Tools/Platforms: Git, GitLab, JIRA, Jenkins, Agile, Postman, Putty, JSON, XML, VS Code, Kubernetes, CI/CD.

Methodologies: Agile, CI/CD, Applicant Resiliency, Security