

# Jayakishan Presingu

940-331-8495 | [presingu.jayakishan@gmail.com](mailto:presingu.jayakishan@gmail.com) | Irving, TX

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

## SUMMARY:

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- Proficient in developing interactive and responsive user interfaces using React.js, JavaScript, HTML, and CSS.
- Experienced in working with databases, both relational (SQL) and NoSQL (MongoDB, Redis), ensuring efficient data storage and retrieval.
- Solid understanding of software development methodologies, including Agile (Scrum), and experience in working collaboratively in cross-functional teams.
- Skilled in version control using Git, ensuring efficient code management and collaboration with team.
- Strong debugging, problem-solving skills, enabling efficient troubleshooting, resolution of issues in Java apps.
- Continuous learner with a passion for staying updated with the latest technologies and trends in the Java ecosystem, ensuring ongoing professional growth and improvement.
- Strong expertise in writing unit tests for React.js components using frameworks like Jest, React Testing Library.
- Experience in working with popular UI component libraries for React.js, such as Material-UI, React Bootstrap.
- Familiarity with server-side rendering (SSR) using frameworks like Next.js, enabling improved performance and SEO optimization.
- Experience in internationalization (i18n) and localization (l10n) techniques in React.js applications, supporting multiple languages and regions.
- 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.

## EDUCATION:

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### Master of Science in Computer Science

**Duration:** January 2021 - May 2022

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

### Bachelor of Technology in Computer Science & Engineering

**Duration:** June 2014 - May 2018

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

## PROFESSIONAL EXPERIENCE:

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### 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. The portal facilitated appointment scheduling, access to medical records, secure messaging, and billing functionalities.
- Experience in building interactive, responsive web applications using React.js, JavaScript, HTML5, and CSS3.
- Developed modular and reusable components in React.js, following best practices for code organization and maintainability.
- Possess a deep understanding of React.js fundamentals, including components, state management, JSX syntax, lifecycle methods, and virtual DOM. Proficient in building reusable and modular React components, leveraging functional components and hooks to enhance code simplicity and reusability.
- 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.
- Proficient in optimizing React.js applications for maximum performance using code-splitting, lazy loading, memoization techniques. Familiar with performance profiling tools like React DevTools and Chrome DevTools to identify and resolve bottlenecks.
- Integrated RESTful APIs with React.js applications using Axios, Fetch API, enabling seamless data exchange between the frontend and backend systems.
- Implemented React Router for seamless client-side routing and navigation, enhancing the user experience.

- 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 responsive designs using CSS frameworks like Bootstrap or Material-UI, ensuring a consistent and optimized user experience across different devices and screen sizes.
- Implemented secure authentication, authorization in React.js applications for access control, data protection.
- Implemented unit tests using frameworks like Jest to ensure the reliability and quality of React.js components, covering critical functionality and edge cases.
- 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.
- Familiarity with Git and version control workflows, ensuring efficient collaboration and code management.

**Role: FRONT END ENGINEER**

**Duration: July 2016 – December 2020**

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

- Gathered and analyzed system requirements for projects.
- Developed front-end using HTML, CSS, JSP, Servlets, JSTL, Ajax, and Struts.
- Implemented Training and Appraisal modules with Java, JSP, JavaScript, and Java Swing.
- 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.
- Understanding of modern front-end development workflows and tools like Webpack, Babel, and ESLint.
- Experience with CSS preprocessors like Sass or Less, enabling the creation of modular and reusable styles.
- Proficient in utilizing debugging tools like React DevTools to troubleshoot and enhance performance.
- Integrated RESTful APIs and backend services with React.js, enabling dynamic content updates.
- Implemented responsive UI components using Material-UI and React Bootstrap, ensuring seamless user experiences across devices.
- 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. Familiarity with end-to-end (E2E) testing frameworks like Cypress, Puppeteer to ensure comprehensive test coverage.
- Implemented form validation and user input handling using React.js libraries such as Formik, React Hook Form, ensuring data integrity and enhancing user interaction.
- Implemented state management using Redux, ensuring a centralized and predictable flow of data within the React.js application.
- Integrated AWS services like S3 for static asset hosting and Lambda for serverless functions, enhancing frontend interactivity and content delivery.
- Integrated DynamoDB for efficient data storage and retrieval in frontend applications, ensuring seamless user experiences.

## **TECHNICAL SKILLS:**

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

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

**API Integration:** Axios, Fetch API

**Testing Frameworks:** 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