

# Jayakishan Presingu

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

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

## SUMMARY:

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- Expressed a genuine enthusiasm for the Dropbox mission and vision, aligning your career goals and contributions with the company's values and goals.
- Experience in building interactive, responsive web applications using React.js, JavaScript, HTML5, and CSS3.
- Experienced with relational (SQL) & NoSQL (MongoDB, Redis) databases for efficient data storage & retrieval.
- Actively engaged in continuous learning, staying updated with the latest trends in software engineering and React.js, and integrating new knowledge into the product development lifecycle.
- Engaged in product meetings, applying tech expertise for enhanced user experience and product innovation.
- 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.
- Experienced with Next.js for enhanced performance and SEO via server-side rendering (SSR).
- Created a user friendly health portal with React.js for WellCare, integrating user research and experimentation for improved usability.
- Collaborated with UI/UX designers, conducted user research, and integrated feedback to enhance visually engaging web application.
- Strong debugging, problem-solving skills, enabling efficient troubleshooting, resolution of issues in Java apps.
- 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.
- Practiced in agile development (scrum) methodologies, promoting iterative, collaborative software creation.

## EDUCATION:

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### 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

## WORK HISTORY:

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### Role: FRONTEND DEVELOPER

Company: Shrive Solutions LLC. – Charlotte, NC.

Duration: August 2022 - Present

#### Responsibilities:

- Built a seamless digital healthcare portal using React.js for WellCare, enabling appointment scheduling, medical record access, secure messaging, and billing.
- Showcased empathetic skills by engaging with users during health portal development, understanding their needs, pain points, and feedback for user-centric design.
- Experience in building interactive, responsive web applications using React.js, JavaScript, HTML5, and CSS3.
- Created reusable React.js components, adhering to code organization best practices.
- 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.
- Leveraged a strong foundation in mathematics to architect and optimize React.js components, resulting in enhanced user interactions and performance improvements.
- Utilized Redux Saga and conducted coding exercises to manage complex asynchronous actions seamlessly, enhancing the portal's reliability and responsiveness.
- Employed Node.js to integrate RESTful APIs, contributing to the creation of a seamless data exchange between frontend and backend systems.
- 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.

- Applied strong problem-solving skills to optimize React.js applications for performance, utilizing tools like Chrome DevTools and conducting performance experiments.
- 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 Jest, conducting experiments to ensure the reliability and quality of React.js components and their adherence to software engineering best practices.
- Contributed to the entire product engineering lifecycle, from concept to deployment, by actively participating in CI/CD pipelines, fostering efficient delivery of React.js applications to production environments.
- 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 2018 – December 2020**

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

- Acted as a mentor for junior team members, providing guidance and support in technical and professional development, contributing to their growth within the company.
- Displayed empathetic skills in troubleshooting and resolving issues, patiently addressing user concerns etc.
- 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.
- Leveraged the logical reasoning skills developed through physics studies to identify patterns, troubleshoot issues, and optimize code for enhanced efficiency and performance.
- Leveraged experience in shipping to enhance the software development lifecycle, focusing on efficient testing, deployment, and continuous integration practices.
- Applied technical experience to implement secure authentication and authorization mechanisms, ensuring data protection and access control within React.js applications.
- Executed form validation and user input management with React.js libraries (Formik, React Hook Form).
- 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, Node 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 Development Methodologies (Scrum), CI/CD, Applicant Resiliency, Security