

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 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:

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

TECHNICAL SKILLS:

Programming/Web Technologies: Java 11 / Java 8, HTML5, CSS3, JavaScript, TypeScript, jQuery.

Frameworks: React, Redux, Axios, React Router, Material-UI, Jest, Rest API.

Databases: MySQL, Oracle, Mongo DB, Redis.

Tools/Platforms: Git, GitLab, JIRA, Jenkins, Agile, Postman, JSON, XML, VS Code, CI/CD, AWS, Jest, Jasmine, npm.

Methodologies: Agile, Scrum, TDD.

PROFESSIONAL EXPERIENCE:

Role: FRONT END DEVELOPER – REACT.js

Duration: February 2021 - 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.
- Implemented state management using Redux, ensuring a centralized and predictable flow of data within the React.js application.
- 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.
- Implemented React Router for seamless client-side routing and navigation, enhancing the user experience.
- Implemented form validation and user input handling using React.js libraries such as Formik, React Hook Form, ensuring data integrity and enhancing user interaction.
- Proficient in front-end build tools like npm, gulp and package managers. Streamlined development workflows, automated tasks, and managed dependencies for efficient & optimized front-end code compilation & delivery.
- 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.
- Utilized AWS S3 to securely store and serve static assets, such as images, CSS files, and JavaScript bundles, for the React application. This ensured reliable and scalable delivery of front-end resources to users.
- Leveraged AWS CloudFront as a content delivery network (CDN) to cache and distribute React application assets globally, reducing latency and improving the overall performance and user experience.
- Experienced in TDD using Jest, Enzyme, or React Testing Library for unit testing. Proficient in writing testable, maintainable code & familiar with E2E testing using Cypress and Puppeteer for comprehensive test coverage.
- Implemented TDD practices with Jasmine and Mocha, writing unit tests to validate React application behavior, enhancing code quality and facilitating bug detection and resolution.
- 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.

- 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.

Role: SUMMER INTERN

Duration: May 2017 – June 2017

Company: Rashtriya Ispat Nigam Limited (RINL) – Visakhapatnam, India.

- Completed internship at RINL Visakhapatnam in ERP-IT a corporate entity of Visakhapatnam Steel Plant.
- Collaborated with cross-functional teams to analyze, design, and implement solutions for seamless integration of IT systems and business processes. Contributed to enterprise resource planning software and IT infrastructure initiatives.

SKILL CERTIFICATIONS:

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| • Java (Basic) HackerRank Certificate | • JavaScript Intermediate HackerRank Certificate |
| • SQL (Basic) HackerRank Certificate | • Learn JavaScript for Web Development |
| • Python (Basic) HackerRank Certificate | • Python Essentials 1 (By Cisco) |