

VIJAY KRISHNA

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PROFESSIONAL SUMMARY

Experienced Web Developer specializing in **React**, with **5+ years** of expertise in building scalable, high-performance web applications. Proficient in **JavaScript, React.js, Redux, TypeScript, Material UI, and Tailwind CSS**, with a strong focus on **UI architecture, component reusability, and state management**.

Frontend Expertise: Proficient in building modern, responsive UIs, implementing lazy loading, code-splitting, and Web Storage APIs to optimize performance.

Testing & Debugging: Hands-on experience writing unit & integration tests using Jest, React Testing Library, and Enzyme.

Cloud & DevOps: Experience deploying React applications on AWS (EC2, S3, Lambda) with CI/CD pipelines (Jenkins, GitHub Actions) for seamless development workflows.

Leadership & Collaboration: Passionate about mentoring junior developers, conducting code reviews, and working in Agile (Scrum) environments using JIRA.

Backend & APIs: Skilled in RESTful APIs, Node.js, Express.js, and MongoDB, enabling full-stack integration with microservices architecture.

WORK HISTORY

React Developer, 10/2023 - Current

Ramsoft – Toronto, ON

- Designed and optimized **REST API integrations** using **React** to enhance UI performance and data flow.
- Implemented efficient **state management** strategies in React to improve application responsiveness and scalability.
- Developed 20+ **reusable UI components**, reducing development time by 30% and improving scalability.
- Optimized React components with **lazy loading** and **memoization**, improving app performance by 40% and **reducing load time** by 2s.
- Refactored the application with **Next.js** for better SSR (Server-Side Rendering) and **SEO benefits**.
- Integrated **GraphQL APIs** to optimize data fetching, reducing redundant requests and improving performance.
- Collaborated with **cross-functional teams** to integrate APIs, improving real-time data handling and **user experience**.
- Built and deployed user interfaces on **AWS**, ensuring seamless cloud-based application functionality.
- Conducted **software field testing** to validate performance, usability, and responsiveness of developed applications.
- Mentored 4+ junior developers**, leading React best practices, improving state management efficiency by 25%, and optimizing code quality.
- Authored **technical documentation** to streamline onboarding and improve development workflow efficiency.

- Thrived in **fast-paced environments**, consistently delivering high-quality solutions under tight deadlines.

Tools Used : React.js, Next.js, Redux, TypeScript, Material UI, Tailwind CSS, RESTful APIs, GraphQL, Node.js, Express.js, Axios, WebPack, Chrome DevTools, Jest, React Testing Library, Cypress, Postman, AWS (EC2, S3, Lambda), Docker, CI/CD (GitHub Actions, Jenkins), Git, GitHub, JIRA, Confluence, ESLint, Prettier, Swagger, Markdown.

Frontend Developer, 10/2018 - 01/2022

Tata Consultancy Services (TCS) – Hyderabad, India

- Demonstrated expertise in **Agile Software Development and Scrum methodologies**, ensuring efficient project execution and team collaboration.
- Developed **responsive** and visually appealing web pages using **HTML5, CSS3, Bootstrap, JavaScript, and Material UI** to meet client specifications.
- Designed and implemented **React-based UI components, utilizing Suspense, Fallback, and lifecycle methods** to enhance performance and user experience.
- Developed **Single Page Applications (SPAs)** using **React Router** to dynamically bind data to specific views and synchronize with the server.
- Implemented **Redux** for state management, enabling unidirectional data flow and seamless interaction between components.
- Engineered a **pagination module** in React.js for organized and efficient display of backend data.
- Built interactive **data visualization charts** using React-based libraries for enhanced UI representation.
- Employed **Webpack** for efficient module bundling, optimizing JavaScript file sizes and application performance.
- Architected and deployed **RESTful APIs**, ensuring seamless communication between application modules and optimizing data flow efficiency.
- Extensively debugged and resolved issues using **Chrome DevTools and Firebug**, ensuring smooth application functionality.
- Prepared comprehensive **test cases for unit, integration, and system testing**, ensuring software reliability.
- Developed **unit tests for UI components using Jest**, improving code quality and maintainability.
- Worked on **CI/CD pipelines** for automated testing and deployment, enhancing development efficiency.
- Managed version control using **Git and GitHub**, maintaining seamless collaboration and code integrity.

Tools Used : React.js, Redux, JavaScript (ES6+), TypeScript, Material UI, Bootstrap, HTML5, CSS3, React Router, WebPack, Chrome DevTools, Jest, React Testing Library, Postman, Node.js, Express.js, RESTful APIs, MongoDB, SQL, Git, GitHub, JIRA, Firebug, CI/CD (GitHub Actions, Jenkins).

EDUCATION

Post Degree Diploma: Web & Mobile Design Development, 08/2023

Langara College - Vancouver, BC

Leafy (Capstone) – Lead Developer

Led the development of Leafy, a full-stack React Native application for plant enthusiasts, implementing scalable architecture, optimized UI/UX, and seamless API integrations.

SKILLS

- **Frontend Development:** React.js, Redux, JavaScript (ES6+), TypeScript, Material UI, Tailwind CSS
- **Testing & Debugging:** Jest, React Testing Library, Enzyme, Postman, Chrome DevTools
- **Tools & Version Control:** Git, GitHub, WebPack, JIRA
- **Backend & APIs:** Node.js, Express.js, RESTful APIs, Microservices Architecture, MongoDB, SQL
- **DevOps & Cloud:** AWS (EC2, S3, Lambda), CI/CD (Jenkins, GitHub Actions), Docker

CERTIFICATIONS

- AWS Certified Developer – **Associate** - Amazon Web Services [2023-2026].
- AWS Certified Developer - **Practitioner** - Amazon Web Services [2023-2026]
- **Web Security:** OAuth and OpenID Connect
- **MongoDB**
- Querying **Microsoft SQL** Server 2022
- **WordPress:** Building a Secure Site