





VIJAY KRISHNA

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PROFESSIONAL SUMMARY

Experienced professional with **5+ years** of expertise in analysis, application design, prototyping, development, integration, and testing of applications. Skilled in **Agile (SCRUM) and Test-Driven Development (TDD)** ensuring efficient and high-quality project delivery.

Proficient in **Material UI** and **Tailwind CSS** for modern UI development. Extensive experience with HTML APIs like **Web Storage** and **advanced CSS** concepts, including Flexbox, Animations, and Layouts. Strong knowledge of JavaScript (ES6) for API data manipulation and **dynamic web interactions**.

Expertise in React, including **component creation, routing, lazy loading, Redux**, and **NPM packages**. Skilled in NoSQL database modeling and development using **MongoDB**.

Experienced in writing UI component **unit test** cases using Jest and Enzyme. Familiar with **bug tracking** via **JIRA** and project management tools. Hands-on experience with **AWS services** (EC2, EBS, S3, and Elasticsearch). Proficient in designing distributed systems using **RESTful APIs** and **Microservices**, with **GIT** for version control and configuration management.

EDUCATION

Langara College

Vancouver, BC • 08/2023

Post Degree Diploma: Web and Mobile Design Development

- **Graduation Dean's List**, 2023

SKILLS

- **Programming Languages:** JavaScript, C
- **Frontend Technologies:** HTML5, CSS3, JavaScript (ES6+), React.js, Node.js
- **Frameworks & Libraries:** React, Bootstrap, Material UI

WORK HISTORY

Ramsoft - React Developer

Toronto, ON • 10/2023 - Current

- **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 reusable and modular components**, accelerating development timelines and improving code maintainability.
- **Optimized React components** using **code-splitting** and performance-enhancing techniques, **reducing application load times**.
- **Built and deployed user interfaces on AWS**, ensuring seamless cloud-based application functionality.
- **Collaborated with cross-functional teams** to integrate APIs, improving real-time data handling and user experience.
- **Conducted software field testing** to validate performance, usability,

- **UI/UX & Design Tools:** Figma, UI/UX Design Principles
- **State Management:** Redux
- **Databases:** MySQL, NoSQL, MongoDB
- **API & Backend:** RESTful API Integration, Microservices Architecture, Express.js
- **Testing & Debugging:** Jest, Postman, Error Handling, Chrome DevTools
- **Cloud & DevOps:** Amazon Web Services (AWS), CI/CD Pipelines (Jenkins), DevOps Principles
- **Version Control:** Git, GitHub
- **Build Tools & Module Bundlers:** Webpack
- **Project Management & Agile:** Jira, Agile Development Methodologies
- **Operating Systems:** Windows, Linux, Unix
- **Software Development Practices:** Continuous Integration & Deployment (CI/CD), Test-Driven Development (TDD)

CERTIFICATIONS

- AWS Certified Developer – **Associate** - Amazon Web Services [2023-2026].
- AWS Certified Developer - **Practitioner** - Amazon Web Services [2023-2026]

and responsiveness of developed applications.

- **Mentored junior developers**, providing guidance on React best practices, state management, and code optimization.
- **Authored technical documentation** to streamline onboarding and improve development workflow efficiency.
- **Thrived in fast-paced environments**, consistently delivering high-quality solutions under tight deadlines.

Tata Consultancy Services (TCS) - Frontend Developer

Hyderabad, India • 10/2018 - 01/2022

- **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.
- **Engineered a pagination module in React.js** for organized and efficient display of backend data.
- **Implemented Redux for state management**, enabling unidirectional data flow and seamless interaction between components.
- **Developed Single Page Applications (SPAs)** using React Router to dynamically bind data to specific views and synchronize with the server.
- **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.
- **Designed and developed RESTful APIs** for seamless communication between application modules.
- **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.