

Dt: 01-April-2025

JOB DESCRIPTION INDIA
Software Engineer-Frontend

Strictly Private and Confidential

Quartica is looking for a talented, skilled and experienced (0-5 Years) candidates who are interested in expanding their skills to different platforms and tools for our new development centre Quartica in India.

Minimum Degree Required:

Bachelor Degree or Equivalent

Responsibilities:

Demonstrate some abilities involving design and development related projects in the following areas:

- **Frontend Development:** Develop and maintain user interfaces using React.js, ensuring responsiveness and performance.
- **Component Design:** Build reusable and modular components to streamline development.
- **State Management:** Implement efficient state management using tools like Context API.
- **API Integration:** Fetch and manage data from RESTful APIs using axios.
- **Code Quality:** Ensure code quality through best practices, testing, and adherence to coding standards.
- **Optimization:** Optimize components for performance and scalability across devices and browsers using code optimization technique like Lazy Loading and code splitting etc.
- **Version Control:** Collaborate using version control systems like Git and Bit Bucket for managing source code.
- **Bug Fixing:** Identify and resolve frontend issues and bugs promptly.
- **Collaboration:** Work closely with backend developers, designers, and project managers to ensure seamless project delivery.
- **Documentation:** Maintain proper documentation for code, components, and development processes.
- **Accessibility:** Ensure applications are accessible and meet web standards.
- **Continuous Learning:** Stay updated with the latest React.js trends, libraries, and frameworks to improve development processes.

QUARTICA AI PRIVATE LIMITED

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Requirements and Skills for React JS Developer

Mandatory Skills:

- **HTML**

Strong understanding of HTML5, including semantic mark-up, accessibility standards, and the ability to create structured and well-organized web pages.

- **CSS**

Proficiency in CSS3 for styling web applications, including knowledge of responsive design.

- **JavaScript**

Expertise in modern JavaScript (ES6+), including concepts like asynchronous programming, closures, promises, and event handling.

- **React JS Core Concepts**

Deep knowledge of React fundamentals such as components, JSX, props, state management, lifecycle methods, and functional components with hooks.

- **Context API**

Experience using React's Context API for managing global state and sharing data across components without prop drilling.

- **Custom Hooks**

Ability to create and implement custom React hooks to reuse logic across components and improve code maintainability.

- **Material UI/Joy UI**

Hands-on experience with Material UI and Joy UI libraries to build modern, responsive, and visually appealing user interfaces.

- **AG Grid and MUI Data Grid**

Expertise in implementing advanced data tables using AG Grid and MUI Data Grid, including features like sorting, filtering, pagination, and custom cell rendering.

- **Axios**

Proficiency in making API requests using Axios, handling responses and errors, and integrating RESTful APIs into React applications.

- **React Flow**

Experience with React Flow for building customizable and interactive workflows, flowcharts, and diagrams.

- **Hands-On Experience with Git and Bitbucket for Version Control**

Proficient in version control using Git and Bitbucket, including branching, merging, pull requests, and maintaining clean repositories.

Good-to-Have Skills

- CSS Pre-processors like SaaS or Less.
- Knowledge of any other JavaScript Framework like Angular JS/Vue JS.
- Global state management tools like Redux and Flux.
- CSS frameworks/libraries like tailwind CSS and React Bootstrap.
- React Query for making API request.
- Knowledge of RESTful APIs.

Note: This job description may be modified or updated from time to time to accommodate changing business needs and priorities.

HR Name: Divya Pathipati

Name of Candidate: Damini Sanghwal

Signature:
Date:

Signature:
Date:

Ref Document No: Q-HR-001F_Job Description
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