**SOURABH RAJPUT**

***Sr. UI Developer (Angular and React)***

**Professional Summary:**

* Results-driven, analytical IT professional with 8+ years of experience developing web applications focused on the frontend.
* Well-versed in React till latest version and Angular versions from 7 to 14, developing system codes, data structure, and algorithms to complete the assigned projects.
* Committed to enhancing technical operations and creating a high level of service to resolve issues. Ability to conduct code reviews to ensure code quality, performance, and adherence to coding standards, including writing effective, scalable, and reusable TypeScript code.
* Create high-fidelity prototypes to showcase new features and interactions, as well as provide technical guidance in resolving complex technical issues.
* Able to articulate technical topics to both engineering teams and non-technical partners.

**Core Competencies:**

Front End Development| OO Design | Object-oriented Programming Languages | Mockups Design | Usability and Accessibility | React, React Native and Angular | JavaScript, ES6+| Technical Leadership| DevOps| Infrastructure as Code (Terraform)| Software Development | Cross-functional Collaboration| Development Principles | Troubleshooting | Automation Testing | Systems Design & Integration | Agile Development Processes | Responsive/Mobile Design | Sound Decision-making | Problem-solving | Micro Front End | Redux, React.JS and NgRx State Management | ORMs integration

**Technical Skillset:**

|  |  |
| --- | --- |
| **Programming Languages** | **:** JavaScript, TypeScript Java |
| **Front-end Frameworks** | **:** Angular, React |
| **Front-end Libraries** | **:** Redux,React.JS, NgRx, Redux Saga |
| **Back-end Frameworks** | **:** Spring Boot |
| **Web Technologies** | **:** HTML5, CSS3, HTTP |
| **Middle Layer** | **:** GraphQL |
| **Communication Protocol** | **:** WebSocket |
| **Code Quality and Analysis** | **:** GitLab, JIRA, Version Control (Git) |
| **Build Tools** | **:** Webpack, MFE |
| **Web Debugging** | **:** Google Chrome Web Debuggers |
| **Testing Frameworks** | **:** Jasmine, Karma, Jest, Enzymes,RTL, Junit |
| **Integrated Development Environments** | **:** Spring Tool Suite 4, Eclipse, VSCode |
| **Database Management** | **:** SQL Server, MySQL, Oracle, AWS, MongoDB |
| **Firebase API Development and Testing Tools** | **:** Postman |
| **Log Analysis and Visualization** | **:** Kibana |

**Education Details:**

* **Master of Science, Computer Science Stevens Institute of Technology, NJ May 2019**
* **Master of Computer Application University of Pune, MH, India May 2015**
* **Bachelor of Computer Application University of Pune, MH, India May 2013**

**Professional Experience**

**Client:** **Verizon | Tata Consultancy Services | Dallas TX Oct 2019 – Present**

**Role: Sr. UI Developer [Project 1]**

* Enhanced website responsiveness by implementing React alongside CSS media queries, resulting in a notable increase in mobile user engagement. Actively participated in Agile Scrum meetings to ensure effective project planning and delivery.
* Developed high-performance single-page applications (SPAs) using React,React.Js, TypeScript, HTML5, and CSS3, significantly improving overall web application performance. Integrated micro-frontends (MFEs) to enhance modularity and scalability in React applications, supporting efficient development workflows.
* Accelerated development by leveraging Reacts component-based architecture, leading to a 30% reduction in development time. Integrated state management solutions like Redux and tools like Webpack to further optimize application performance and responsiveness.
* Implemented Reacts Context API and hooks to manage state and side effects, promoting separation of concerns and improving scalability by centralizing shared logic and data across multiple components.
* Utilized Reacts component-based architecture to break down complex UIs into reusable, maintainable modules with well-defined data flow, enhancing code maintainability and reusability.
* Improved form handling and accuracy by implementing Formik and React Hook Form, enabling advanced form validations and streamlining user interactions, resulting in a significant reduction in form errors and improved data integrity.
* Re-architected key features using a Monorepo setup and micro-frontends to maximize the user experience and UI performance, leading to higher user engagement and improved satisfaction.
* Ensured robust code quality and reliability in React projects through comprehensive unit testing using Jest and React Testing Library, maintaining high test coverage and application stability.
* Identified and addressed performance bottlenecks in React applications by optimizing API calls and improving response times, reducing latency, and enhancing the overall system responsiveness.
* Utilized React Router to manage client-side routing, enabling seamless REST API integration and enhancing user navigation through dynamic routes and protected paths.
* Worked on WebSocket for real time data, Integrated WebSocket with GQL apollo subscription for fetching live data
* Integrated GraphQL with React applications using Apollo Client, optimizing data fetching and caching to improve performance and reduce data retrieval time.
* Enhanced API efficiency by fine-tuning Redux Saga middleware for seamless communication between the client and server, reducing latency and improving overall data flow in React applications.
* Designed and built RESTful APIs and microservices architecture using Node.js,React.Js and Express.
* Developed build and deployment scripts using Node.js,React.js, Perl, and PowerShell for automating application deployments.
* Improved code quality and ensured high coverage by implementing tools like Jest and SonarQube, ensuring adherence to React best practices and standards.
* Managed reported issues and feature requests through JIRA, ensuring timely resolution and maintaining the quality of React applications throughout the project lifecycle.
* Set up CI/CD pipelines using Jenkins to automate testing, building, and deployment processes for React applications, while using Git for effective version control and collaboration.
* Proficient in debugging React applications and troubleshooting performance issues, with strong problem-solving skills to resolve complex bugs and optimize application efficiency.
* Actively identified and resolved production issues to ensure smooth deployments.
* Implemented robust security measures using AWS IAM, VPC, and Security Groups, ensuring compliance with industry standards and protecting sensitive data.
* Architected and implemented scalable, highly available cloud solutions using AWS services such as EC2, S3, RDS, and ELB, resulting in 99.99% uptime for critical applications.
* Designed and managed serverless architectures using AWS Lambda, API Gateway, and DynamoDB, reducing operational costs by 40% and improving application performance

**Client:** **Sony Pictures Entertainment | Tata Consultancy Services | Dallas TX Oct 2019 – Present**

**Role: Sr. UI Developer [Project 2]**

* Actively participated in Agile Scrum meetings, contributing to efficient project planning and seamless execution of development tasks.
* Developed high-performance single-page applications (SPAs) using Angular, TypeScript, HTML5, and CSS3, leading to significant improvements in web application performance.
* Integrated micro-frontends (MFEs) to enhance modularity and scalability, streamlining the development process and improving project execution efficiency.
* Enhanced website responsiveness and user engagement by seamlessly integrating front-end technologies like NgRx and Angular CLI, improving performance and scalability.
* Utilized NgRx Store for state management, centralizing business logic to improve scalability and separation of concerns across multiple components.
* Promoted reusability and maintainability by implementing a component-based architecture in Angular, breaking down complex UIs into modular, easy-to-manage components.
* Improved form accuracy and user experience by implementing Reactive Forms and Template-driven Forms, reducing errors, and streamlining data interactions with comprehensive form validations.
* Revamped project architecture using Monorepo and MFA to maximize user experience, leading to higher engagement and improved overall satisfaction.
* Integrated NgRx principles for state synchronization across components, improving application performance and ensuring maintainability through robust state management solutions.
* Designed and built RESTful APIs and microservices architecture using Node.js and Express.
* Utilized Jenkins for CI/CD while working with version control (GIT) to manage code repositories according to standards.
* Proficient in debugging and troubleshooting issues in web applications, with strong problem-solving skills and the ability to identify and resolve complex bugs.
* Strategically managed and prioritized reported issues using JIRA tracking tool, guaranteeing timely resolution and product quality.

**Client: Jetzy | New York, NY July 2018 – Dec 2018**

**Role: UI Developer**

* Collaborated closely with senior programmers to gather and evaluate client’s requirements and technical specifications for web applications. Immersed in the design, testing, debugging, execution, and documentation of programs using Angular and React frameworks.
* Used Model-View-Controller (MVC) software architecture in web applications to view HTML.
* Developed User Interface (UI) as per design specification. Worked on a 3-tire web application in the .NET framework.
* Worked on SQL server, wrote complex queries using with clauses, created views, and wrote subqueries.
* Assisted in creating stored procedures and functions to support front-end applications.
* Worked on HTML/HTML5, CSS/CSS3 style sheets, and JavaScript to tie together various sites with an easily understandable structure.

**Client: Gigada Technologies | Pune, India Mar 2016 – Jun 2017**

**Role: PHP Developer**

* Proficiently used the Yii framework (MVC architecture) to architect and develop a feature-rich web application that resulted in an 80% increase in customer satisfaction ratings. Developed responsive web pages via HTML, CSS, and PHP to improve user experiences.
* Advanced indexing techniques and query optimizations on the MySQL backend to enhance database query performance.
* Reduced data entry errors and ensured data accuracy and integrity by implementing client-side validations via JavaScript.
* Utilized various HTTP methods to orchestrate seamless integration of an HTTP service to enable REST calls.
* Maneuvered continuous integration and deployment (CI/CD) to reduce deployment time as well as managed code repository using GIT that delivered a 50% improvement in code collaboration and version control efficiency.

**Client: MDC Concepts | Pune, India Jan 2015 – Jan 2016**

**Role: Software Developer**

* Performed duties integral to web application development for football tournaments, transforming user experience through PHP-driven enhancements. Crafted visually stunning and interactive web pages by employing HTML, CSS, and JavaScript.
* Spearheaded the design and development of the manager and admin portals to enable streamlined data management.
* Guaranteed 100% efficient and accurate data storage and retrieval by leveraging MySQL for secure backend connections.
* Enhanced user experienced by 30% and successfully augmented website traffic during game time.
* Incorporated match data and delivered real-time updates on the website during the match and showcased the project to the client.
* Utilized Jenkins for CI/CD while working with version control (GIT) to manage code repositories according to standards.