Jaya Poojary

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SUMMARY

Software Engineer with 3.3 years of experience specializing in React.js, HTML, CSS, and MUI. Proficient in backend development using C#, ASP.NET CORE and Node.js. Skilled in building scalable web applications and creating robust REST APIs and microservices. Seeking to leverage my expertise to contribute to innovative projects and drive success within a dynamic development team.

Education

Dayananda Sagar Academy Of Technology And Management, Bengaluru (DSATM) 2018 – 2022

Course: Bachelor of Engineering (CSE)

TECHNICAL SKILLS

Languages: JavaScript, Java, C#, SQL, Python, TypeScript.

Frameworks / Technologies: React.js, Spring Boot, ASP.NET Core, .NET, DSA (Data Structures & Algorithms).

SQL Databases: MySQL, Oracle DB, PostgreSQL and SQL Server (MSSQL).

Version Control CI/CD: Git, GitLab, GitHub, Jenkins, Jira - Scrum development methodology

Project Management / Agile: Jira, Scrum methodology

Work Experience

Fullstack Engineer, Consilio Aug 2025 – Present

- Working on implementing dynamic and interactive UI components using ReactJS, improving usability and performance of web applications.
- Implementing a robust backend Logger Service using .NET, enabling structured logging, error tracking, and efficient troubleshooting.
- Implemented Redis caching to significantly improve API performance, reducing response times and minimizing repetitive database calls.

Software Engineer, IQVIA Sep 2022 – Aug 2025

- Developed scalable and maintainable backend services using C# and ASP.NET Core, with a strong focus on Microservices architecture, RESTful API design, and secure authentication using JWT.
- Significantly improved application performance by 40% through strategic implementation of memoization and other techniques to avoid unnecessary re-renders.
- Boosted data retrieval and display speeds, improving performance by 30%, by effectively utilizing database indexing.
- Achieved a performance increase of 35% by implementing server-side pagination, which optimized data loading and reduced client-side processing.
- Created reusable React components and implemented efficient state management using Redux-Thunk and Redux-Saga.
- Debugged and resolved cross-browser compatibility issues, ensuring a seamless user experience.
- Experience integrating and working with complex APIs(REST/GraphQL).
- Worked on testing frameworks like Jest, Cypress, or React Testing Library.
- Implemented key Design Patterns (Singleton, Factory, Repository, Dependency Injection) in .NET applications to improve code reusability, maintainability, and scalability.

- Developed and maintained unit test cases using xUnit and Moq to ensure code quality, validate business logic, and support continuous integration.
- Developed end-to-end automation scripts using Python to streamline repetitive tasks, reducing manual effort and increasing efficiency.

Projects

User Driven Corrections (UDC) | React.js Developer

The UDC tool empowers analysts to perform corrections during various stages of the cycle (in-cycle, post-cycle, and historical corrections). Analysts can execute generic corrections on transactions, modifying specific data values as needed.

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- Designed and developed scalable and modular applications using Microservices Architecture with C# and ASP.NET Core, enabling independent deployment and maintenance of services.
- Utilized Docker and Kubernetes (Minikube) to containerize and orchestrate microservices, ensuring modularity and ease of deployment.
- Used Entity Framework Core and SQL Server for data persistence, with each microservice managing its own database (Database per Service pattern).
- Built dynamic and responsive frontend using React.js, Redux, JavaScript, TypeScript, HTML, CSS, MUI, Tailwind CSS, and CSS-in-JS libraries.
- Worked with containerization tools like Docker and Kubernetes (Minikube) for microservices-based architecture.
- Developed a Python-based automation script to monitor scheduled jobs and trigger email alerts for failed tasks, ensuring timely issue detection and reducing downtime.

Quantity Edit Matrix (QEM) | Full Stack Developer

The QEM Tool: A healthcare product designed to enable clients to create new medical products and update existing medicines, streamlining the product development and enhancement process.

- Utilized React.js to build a dynamic and responsive user interface and implemented a robust backend using C# and ASP.NET CORE providing efficient data processing and secure API endpoints.
- Enhanced overall system efficiency and reduced processing time by 20% by optimizing database queries and stored procedures.
- Improved application responsiveness by 20% through code splitting and lazy loading, reducing the initial bundle size and improving perceived performance.
- Developed and integrated custom middleware components in ASP.NET Core to handle cross-cutting concerns such as logging, exception handling, authentication, and request/response modification.
- Used middleware pipelines to enforce JWT-based authentication and role-based authorization for secure API access. Designed reusable components and services using patterns such as Factory Method and Singleton, improving consistency and reducing technical debt.
- Leveraged React performance optimization techniques, including useMemo, useCallback, and React.memo, to minimize unnecessary re-renders and enhance overall responsiveness of the application.
- Conducted code reviews and implemented best practices for code quality,maintainability, and performance optimization.

Achievement

I'm proud to have received the Silver Award for my consistent efforts in enhancing both frontend and backend functionalities and my dedication to resolving bugs effectively.