

Prathvin Pinto

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Summary

Experienced **React Developer** with a strong understanding of **JavaScript** best practices, performance optimization, state management (**Redux**), and scalable component architecture. Skilled in building modern, efficient UIs with a focus on clean code and maintainability, with some experience in backend development using **Spring Boot**.

Experience

Tata Consultancy Services

Systems Engineer

Bengaluru

Jan 2023 - Present

- Collaborated with State Street Bank Trust to enhance data systems, utilizing **ReactJS** to build responsive, efficient interfaces, leading to an estimated **30-40%** performance improvement.
- Designed and optimized scalable and secure **REST APIs** and **gRPC APIs** using **Spring Boot**, streamlining communication between services and improving performance, confirmed through stress testing and developer feedback.
- Followed React best practices, including **ES6** features and responsive design, to build user-friendly applications. Utilized **React Hooks**, managed state with **Context API** and **Redux**, implemented navigation using **React Router**.
- Engineered a solution with **AG Grid** to effectively manage large data sets, ensuring smooth performance and responsiveness to efficiently handle over **300,000** data rows
- Independently migrated AG Grid from client-side to server-side row model, optimizing performance for datasets exceeding **200,000** records. Cut initial load time by more than half and enhanced grid responsiveness and scalability.
- Established a robust testing framework by integrating **JUnit** for the back end and **Jest** for the front end, improving issue detection and resolution speed by **20-40%** during development.

Languages/Tools: ReactJS, JavaScript, SpringBoot, Azure, PostgreSQL

Tata Consultancy Services

Assistant Systems Engineer

Bengaluru

Aug 2021 - Oct 2022

- Collaborated with Mobily to modernize customer management infrastructure, gaining hands-on experience in JavaScript, React, and debugging to enhance code quality.
- Developed and optimized responsive user interfaces using JavaScript and modern front-end frameworks, integrating Redux for efficient state management and improved scalability.
- Implemented interactive components, enhancing data flow and rendering efficiency by **30%** while ensuring clean, maintainable, and high-performance code.

Languages/Tools: ReactJS, JavaScript

Skills

JavaScript, React, SQL, Tailwind CSS, Java, SpringBoot, HTML, CSS, Redux, REST API's, Database Management, Version Control(Git), Agile Methodologies.

Projects

Player auction system (Freelancing)

[GitHub](#) 

- Designed and developed an interactive UI for real-time player auctions, enabling auctioneers to bid sequentially, access player profiles, and track budgets dynamically.
- Resulted in a streamlined auction process, minimized manual effort, and accelerated team formation by over **50%**.

Languages/Tools: ReactJS, JavaScript, Node.js, Hono.js, MongoDB

Education

Mangalore Institute of Technology and Engineering

Bachelor of Engineering - Computer Science and Engineering

Mangalore

July 2017 - June 2021