

Rahul Tomar

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Education

Samrat Ashok Technological Institute

May 2021

BTech in Computer Science and Engineering (CGPA: 8.0)

Professional Experience

Cognizant Technology Solutions

Noida

Jr. Software Engineer

Oct 2022 – Present

(**Tech Stack:** JavaScript, React.js, Redux Toolkit, Tailwind CSS)

- Implemented advanced state management using **Redux toolkit**, enhancing application **scalability**.
- Implemented **Lazy loading** that led to a 20% reduction in initial page load time **and** enhance overall user experience.
- Implemented **debouncing** for dynamic search, optimizing performance by storing results in cache using **Redux**.

Cognizant Technology Solutions

Pune

Programmer Analyst Trainee

Sept 2021 – Sept 2022

(**Tech Stack:** Java, Spring Core, Spring Rest, Spring Boot, MySQL)

- Developed and maintained backend functionalities, ensuring the reliability and efficiency of web applications.
- Collaborated with senior developers in designing and implementing java-based solutions.
- Assisted in troubleshooting and debugging code to improve overall system performance.

Technical Skills

Languages: JavaScript, Java, HTML, CSS

Frameworks/Libraries: React, Redux Toolkit, Tailwind CSS, Spring Boot, Spring Rest

Developer Tools: VS Code, Git, Eclipse

Project

VisionSync | React, React-router, Redux-toolkit, Tailwind CSS [[Link](#)]

- Developed a **scalable** and **performant** video streaming app using React, Tailwind, React Router, and Redux, powered by “**YouTube’s live API**”.
- Implemented **debouncing** for dynamic search, optimizing performance by storing results in the cache using **Redux**.
- Implemented **lazy loading** with **Suspense** and created nested comments using **Recursion** and implemented **live chat using API polling**.

FoodVilla | React, React-router, React-toolkit, Tailwind CSS [[GitHub Link](#)]

- Developed a high-performance and responsive food ordering app, leveraging **Swiggy’s live API** to deliver real-time data to users.
- Implemented a **shimmer effect** and **single responsibility principle** to enhance user experience.
- Implemented efficient state management using **Redux toolkit**, enabling seamless communication between components.