

# Rahul Tomar

+91 9755089643 | rahultomar03187@gmail.com | [GitHub](#) | [LinkedIn](#) | [portfolio](#)

---

## 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.