

# Rahul Tomar

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

---

## Education

**Samrat Ashok Technological Institute**

May 2021

BTech in Computer Science and Engineering

## Professional Experience

**Cognizant** - Gurgaon

Oct 2022 – Present

Jr. Software Engineer

- Improved UI performance by 40% by Identifying bottlenecks, leveraging technologies like **Redux toolkit** and **React Hooks**.
- Implemented **Lazy loading** that led to a 20% reduction in initial page load time and enhance overall user experience.
- Implemented **debouncing** technique for typeahead search, reducing server call by 40% and improving user experience by displaying search results instantly without delay.
- Optimized performance by **caching** search results in Redux, resulting in a 20% decrease in **loading time** and enhancing overall app responsiveness for users.

**Cognizant** - Gurgaon

Sep 2021 – Sep 2022

Programmer Analyst Trainee

- Created restful APIs using **Spring Boot** for web applications which improved customer engagement by 30%.
- Migrated legacy systems to **microservices** architecture reducing maintenance costs by 25%.
- Collaborated with senior developers in designing and implementing java-based solutions.

## Technical Skills

**Programming Languages:** JavaScript (ES6), Java, HTML (HTML5), CSS

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

**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 **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 [\[Link\]](#)

- 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.