

# Aman Singh Rajput

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## Education

### Sagar Institute of Research And Technology

Bhopal, India

B.Tech in Information Technology, CPI: 7.8/10.0

November 2020 – May 2024

- **Relevant Coursework:** Algorithms, Data Structures, Database Management System, Object-Oriented Programming, Operating System, Computer Networks, Software Engineering, Agile Development, Cloud Computing(AWS, Azure, GCP), Computer Architecture, Computer Science, Problem Solving

## Experience

### Software Developer Intern at Suvean Consultant Pvt. Ltd.

June 2023 – July 2023

Remote

- Solutions using HTML, CSS, and JavaScript were created and put into practice to improve user experience, which raised user engagement and enhanced website performance.
- Technical issues identified and resolved, contributing to the successful implementation of new features and higher website traffic.
- Working closely with the development team helped to streamline procedures, which shortened the project delivery time and improved workflow.

## Projects

### Job Portal | ReactJS, Redux, Tailwind — Link — Hosted Site

August 2023

- Designed an intuitive, visually appealing, and responsive user interface incorporating modern UI elements and advanced filtering options. Ensured optimal performance and accessibility across various devices, enhancing user engagement and satisfaction.
- Created an efficient infinite scroll feature to enable seamless, uninterrupted browsing of job listings. Optimized data loading and minimized latency, providing a smooth and engaging user experience without the need for a 'Load More' button.
- Integrated a dynamic search and filtering system that updates job listings in real-time based on user inputs. Focused on a user-centric design to facilitate easy navigation and quick discovery of relevant job opportunities through intuitive search and filter options.

### Vastra | ReactJs, JavaScript, Bootstrap — Link — Hosted Site

September 2022

- Developed a responsive and user-friendly e-commerce fashion website using **React.js, HTML5, and CSS3**.
- Integrated with **backend APIs** to fetch and display product information, utilizing **RESTful principles**.
- Implemented dynamic functionality enabling users to effortlessly add or delete items from their shopping cart, enhancing user experience and streamlining the checkout process in a React-based **"Vastra"** fashion website.
- Deployed **React Router DOM** for seamless client-side routing, enabling intuitive navigation and personalized content rendering in a fashion website, collaborating cross-functionally to ensure alignment with design requirements and Agile methodologies.

### Social Media Application

March 2021

- Designed and implemented a responsive user interface using modern UI libraries and frameworks such as **Material-UI and Bootstrap**.
- **Integrated Redux** for state management, enabling efficient data flow and consistent application state across components.
- Implemented features including user profile creation, post creation, like/comment functionality, and real-time updates using WebSocket technology.

## Technical Skills

- **Languages:** C/C++, JavaScript
- **Frontend:** HTML5, CSS3, JavaScript, Reactjs, Bootstrap, Redux, Tailwind
- **Database:** mySql, MongoDB(NoSQL)