

Tanvir Singh Sawhney

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## Summary

Results-driven computer science undergraduate student with expertise in web development and strong proficiency in C++, Java, and web technologies. Seeking to leverage skills in frameworks such as ReactJS and NodeJS to deliver intuitive interfaces and immersive experiences. Collaborative problem solver with excellent communication skills, adaptable, and eager to learn and grow.

## Education

Bachelor of Engineering in Computer Science

Chitkara University, Rajpura, India

Expected Graduation: July 2024

CGPA: 9.45

Higher Secondary (Class XII)

SGGS Collegiate public school, Chandigarh, India

Year of Completion: March 2020

Aggregate: 67.2%

Secondary School (Class X)

Hansraj Public School, Panchkula, India

Year of Completion: March 2017

Aggregate: 86.67%

## Work Experience

Freelance Web Developer | [Include Duration]

- Collaborated with local businesses to digitize their operations and improve their online presence.
- Designed and developed websites tailored to the unique needs of each business, enhancing user experience and engagement.
- Leveraged expertise in web technologies, including HTML, CSS, JavaScript, ReactJS, and NodeJS, to create dynamic and responsive web solutions.

## Technical Skills

- Languages: C++, Java, HTML, JavaScript, CSS
- Frameworks/Libraries: ReactJS, NodeJS, Bootstrap
- Data Structures and Algorithms
- Core Subjects: Operating Systems, Database Management Systems, Computer Networks

## Soft Skills

- Problem Solving
- Decision Making
- Teamwork
- Adaptability

## Projects

### 1. Blog Project (MERN Stack with JWT Authentication)

- Developed a full-fledged blog application using the MERN (MongoDB, Express, React, Node.js) Stack with JWT (JSON Web Token) authentication.
- Implemented user authentication and authorization using JWT to secure user-specific content and actions.
- Leveraged MongoDB for efficient data storage and retrieval of blog posts and user information.
- Utilized Express for building the server-side API and React for the frontend interface, delivering an intuitive and responsive user experience.
- Implemented features such as creating, editing, and deleting blog posts, user registration, and login functionalities.

### 2. Expense Tracker (MERN Stack)

- Designed and developed an expense tracker application using the MERN (MongoDB, Express, React, Node.js) Stack.
- Leveraged MongoDB for efficient data storage and retrieval.
- Utilized Express for building the server-side API and React for the frontend interface.
- Implemented features for adding, categorizing, and tracking expenses, providing users with a comprehensive tool to manage their financial transactions.
- Demonstrated proficiency in developing full-stack applications and delivering intuitive user interfaces.

### 3. Funkify (December 2022)

- Developed a dynamic whiteboard drawing website inspired by skribble.io.
- Employed a comprehensive tech stack including HTML, CSS, JavaScript, and React to deliver an immersive and interactive drawing experience.
- Implemented cutting-edge real-time collaboration features, enabling seamless simultaneous drawing for multiple users on the whiteboard.
- Demonstrated a high level of proficiency in frontend technologies, delivering engaging user experiences with a strong focus on interactivity and usability.

### Achievements

- Participated in a Hackathon by “Healthathon – Datathon” by String Ventures, LLC. [link]
- Participated in JUSPAY Namma Yatri Hackathon 2023