

# Sahil Singh

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## Education

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### Delhi Technological University, B.Tech in Computer Science

CGPA: 7.79/10(upto 4<sup>th</sup> sem)

Aug 2023 – Jul 2027

### Sagarmatha Secondary School, Class XII

Percentage: 80.50%

Jul 2020 – May 2022

### StepbyStep Secondary School, Class X

Percentage: 92.50%

Apr 2019

## Experience

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### Software Engineering Intern [link](#)

S.B Manokamana Pvt. Ltd.

Developed and deployed a real-time, responsive web application using React, Node.js, Express, and MongoDB. Implemented dynamic data handling with RESTful APIs and WebSockets, ensured cross-device compatibility, and optimized performance. Collaborated using Git and deployed the project on cloud platforms for live access.

## Projects

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### AI Chatbot [link](#)

- **Developed an AI Chatbot using HTML, CSS, and JavaScript** that simulates human-like responses for interactive web communication.
- **Implemented a simple frontend-based** chatbot logic without backend or APIs, demonstrating DOM manipulation and JavaScript event handling.

### ATM SIMULATOR [link](#)

- **Built a secure and user-friendly ATM simulator in C++** using Object-Oriented Programming concepts like classes, inheritance, and file handling.
- **Designed a fully menu-driven system** for smooth navigation and efficient handling of financial transactions with persistent data storage.

## Extra Activities

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### DTU CHESS TEAM

#### Captain

- Led and managed the chess team of DTU consisting of more than 300 students across all 4 years.
- Coordinated and organized chess tournaments for students, faculty, and other university participants.

### Class Representative

- Serving as Class Representative, acting as a liaison between faculty and students, managing class communications, addressing student concerns, organizing academic and co-curricular activities, and ensuring smooth coordination within the class

## Achievements & Awards

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- [codeforces](#) - Pupil with max rating of 1221 and [codechef](#) rating of 1534.
- Solved 700+ coding questions across all coding platforms.

## Additional

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### Technical Skills:

C, C++, HTML/CSS, Python, SQL, Javascript, Data Structures, JAVA(basics), Node.JS, React.JS, MongoDB, Express.JS, tailwind.

### Soft Skills:

Analytic, Teamwork, Communication, Creativity, Compliance, Drive and Initiative.

### Awards:

Under 1000 rank in codeforces division 2 coding challenge.

Global Rank 106 in codechef round 222.

### Tools & Platforms:

Git | GitHub | VS Code | Figma