

Tanush Chawla

Computer Science Student

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📍 Gurgaon, Haryana

🌐 LinkedIn

🔗 LeetCode

🐙 Github

Profile

Passionate Computer Science student at VIT Bhopal with expertise in software development, full-stack web applications, AI-driven solutions, and algorithm optimization. Skilled in C++, Python, and Java.

Education

2022 – Present Bhopal, India	VIT Bhopal University <i>Bachelor of Technology in Computer Science</i> Specializing in Software Engineering, Data Structures, and Machine Learning, with a current focus on building full-stack web applications and AI-driven solutions.
03/2022 Gurugram, Haryana	Blue Bells Model School <i>High School Diploma</i> Scored 90%
04/2020 Gurugram, Haryana	Our Lady of Fatima Convent School <i>Secondary School</i> Scored 90%


Top Skills

Programming Languages	DSA	Web Development	Database Management
<ul style="list-style-type: none">• C• C++• Python• Java	<ul style="list-style-type: none">• Data Structures and Algorithms in C++	<ul style="list-style-type: none">• HTML• CSS• JavaScript• Node.js• Express.js	<ul style="list-style-type: none">• MySQL• MongoDB

Projects

WeCode

Technologies Used: React.js, Node.js, Express.js, MongoDB Atlas, Socket.IO, Firebase Auth, JWT, bcrypt.js, Monaco Editor, Axios, WebRTC, UUID, dotenv, Mongoose.

- Developed a full-stack real-time coding platform enabling collaborative code editing, Google OAuth login, and peer-to-peer video/audio communication using WebRTC. Integrated Monaco Editor with Socket.IO  for live code sync, session management with UUIDs, and user progress tracking on curated DSA content and LeetCode problems. Deployed using Render and Vercel with secure JWT-based authentication and MongoDB database integration.

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.