Rupesh Kumar Singh

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Education

Vellore Institute of Technology

Expected May 2026

Bachelor of Technology in Computer Science (GPA: 8.61 / 10.00)

Chennai, Tamil Nadu

• Relevant Coursework: Data Structures and Algorithms (C++), Computer Networks, Operating Systems, Object Oriented Programming (OOPs), Prob & Stat in CS (Python), Computer Programming: Java, Web Programming, Database Systems, Artificial Intelligence, Cryptography and Network Security

Experience

E-Cell. VIT Chennai

Jan 2023 - current

Sponsorship Lead

Chennai, TN

- Have organised E-Submit with Club Members. Managed more than 2000 audience in 3 days event.
- Lead the Sponsorship departement.
- Organised IPL Aution 2.0 and Stock Market Simulation 4 & 5.

Social Media Manager, YouTube Agency

Sept 2021 - current

Freelance

Remote

- Have Managed YouTube accounts with more that 500k+ subscribers.
- From Ideation to Thumbnail and Editing all managed by me and my Team.
- Have helped Clients to get followers and increases engagement time.

Projects

SecondHand | React.js, TailWind CSS, Firebase

- This Site helps College Students to buy sell old stuff. It has feature to list your own product and can buy listed products by direactly chatting with seller.
- Designed and deployed it on Vercel within a week.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.

BharatBhraman | HTML, CSS, JS, Bootstrap

- Developed this website for my SIH project with my team. Using this, people can travel all over India.
- It has features to find hotels from all sites, book tickets of flights and compare different transporting facilities.

Technical Skills

Languages: C++, Java, JavaScript, C, Python

Technologies: React.is, ReactNative, Flutter, Angular, Vue

Concepts: Computer Networks, Operating System, Encryption, Artificial Intelligence, Machine Learning, Neural Networks,

API, Database Normalization, Cloud Computing

Achievements

- Hold 3rd Position in Solvathon organised at VIT Hostel.
- Got Gold Medal at InterSchool athletic tournament, covered 200m Within 30secs.

Social Engagements

Board Member: Magadh Mithila Club - Student Chapter, VIT Chennai

Heads: Marketing and sponsorship, E-CELL, VIT Chennai

Club Member: E-CELL, Tech Researchers Club, Microsoft Innovation Club, (VIT Chennai)

Organisor: IPL Auction'24 - TechnoVIT (Tech-fest), Stock Market Simulation'23 & '24 TechnoVIT (Tech-Fest).

Sports-Engagements: Badminton(state-level), chess, cricket, table-tennis.