

Rupesh Kumar Singh

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Education

Vellore Institute of Technology

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

Expected May 2026

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

Technical Skills

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

Technologies: React.js, ReactNative, Flutter, Angular, Vue, Express, MongoDB

Concepts: DSA, Computer Networks, Operating System, Encryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Cloud Computing

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 directly 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%.

whyrupesh.tech | React.js, TailWind CSS

- Portfolio Website
- Designed and deployed it on Vercel within 5 hours.
- Good looking UI Designed completely and coded by me.

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.

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 department.
- Organised IPL Auction 2.0 and Stock Market Simulation 4 & 5.

Social Media Manager, YouTube Agency

Sept 2021 – current

Freelance

Remote

- Have Managed YouTube accounts with more than 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.

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.