

Rupesh Kumar Singh

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Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science (GPA: 8.54 / 10.00)

Expected May 2026

Chennai, Tamil Nadu

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 | MongoDB, ExpressJS, React.js, TailWind CSS, Node

- This Site helps College Students to buy and sell old stuff. It has a feature to list your product and can buy listed products by directly chatting with the 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.

QR-Code-Generator | React.js, TailWind CSS, Node

- Generate QR codes from user input
- Copy & Download the generated QR code as a PNG image
- User notifications using react-toastify

Experience

StemTec, VNEST

Full-stack Web developer

June 2024 – current

Chennai, TN

- Developed a Robotics and IoT website from scratch for a startup.
- Created a fully responsive site to ensure seamless user experience across devices.
- Currently working on AI-related Products.

E-Cell, VIT Chennai

President

July 2024 – current

Chennai, TN

- Have organized E-Submit in my college. Managed more than 2000 audience in 3 days event.
- Lead the Sponsorship department.
- Organised IPL Auction 2.0 and Stock Market Simulation 4 & 5.

E-Cell, IIT Bombay

Campus Ambassador

July 2024 – current

Chennai, TN

- Representing E-Cell IIT Bombay in my Chennai Campus.
- Lead the Sponsorship department.

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.