

# Ishan Amrit Srivastava

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## EDUCATION

Vellore Institute of Technology  
B.Tech in Computer Science

Expected May 2026  
CGPA: 8.54 / 10

## TECHNICAL SKILLS

**Programming:** C++, JavaScript, Python  
**Frontend:** React.js, Tailwind CSS, Redux  
**Backend:** Node.js, Express.js, RESTful APIs, MongoDB, MySQL  
**Cloud & DevOps:** AWS, Render, Vercel, Cloudinary, Docker  
**Testing & Tools:** Postman, Git, VS Code

## PROJECTS

**Real-Time Chat Application** (Full-Stack Web App) Dec 2025

- Developed a real-time chat application enabling instant message delivery without page reloads.
- Implemented **Socket.IO** for real-time bi-directional communication between clients and the server.
- Designed secure user authentication and session management using **JWT**.
- Structured scalable **MongoDB schemas** to store users, conversations, and message history.
- Deployed the full-stack application after integration, testing, and performance optimization.

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Socket.IO, JWT

**AI-Powered Interview Coach Platform** (Full-Stack Web App) Sep 2025 – Nov 2025

- Developing an AI-driven platform that simulates mock interviews through coding, resume, and voice-based Q&A modules.
- Architected modular REST APIs with **Node.js** and **Express.js** to handle interview flow, user sessions, and report generation.
- Designed optimized **MongoDB schemas** to store user performance metrics and AI feedback efficiently.
- Integrated **Cloudinary** for scalable media handling and automated cloud storage management.
- Deployed the frontend on **Vercel** and backend on **Render** for reliable production hosting.

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Cloudinary, JWT

**Job Board Platform** (Full-Stack Web App) Jan 2025 – Mar 2025

- Built a full-stack recruitment portal with dashboards for recruiters and candidates supporting complete job lifecycle management.
- Implemented **JWT-based authentication** and **role-based access control**, securing all API endpoints.
- Optimized **MongoDB queries** and Express routes, improving response times by 30%.
- Automated async file uploads with **Cloudinary SDK**, enabling efficient resume and logo handling.
- Deployed the stack on **Render** for reliable production hosting and updates.

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Cloudinary, Tailwind CSS

## ACHIEVEMENTS

- Finalist, Tata Elxsi Teliport Hackathon:** Selected among top teams for presenting an innovative technical solution.
- Winner, MERN Stack Hackathon (VIT Bhopal):** Secured 1st place by building a scalable web application under strict time constraints.
- Runner-up, Health Hack Hackathon (VIT Bhopal):** Awarded 2nd place for developing a healthcare-centric prototype.
- Solved **500+ DSA problems** across various coding platforms including LeetCode and GeeksforGeeks.
- Design Co-Lead, ELA:** Led visual design for 10+ campus events, increasing event engagement by **25%**.