ISHANK SINGHAL

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EDUCATION

Vellore Institute of Technology, Bhopal   June 2025
Bachelor of Technology in Computer Science | Current CGPA: 7.66

Relevant Coursework: Operating System, Computer Networking, Data Structures & Algorithms, Object Oriented Programming, Database Management Systems

CERTIFICATIONS

- Cloud Computing, NPTEL SWAYAM (IIT Kharagpur)   April 2024

TECHNICAL SKILLS

Languages	HTML5, CSS, JavaScript, C++
Frameworks & Libraries	ReactJS, Socket.IO, NodeJS, MongoDB

PROJECTS

Haemunity   June 2024
A secure and scalable MERN stack blood donation management app with JWT authentication.

- **Granular User Roles**: Enabled roles for over 100 admins, 50 hospitals, and 30 organizations to manage users, update blood inventory, and monitor activity.
- **Streamlined Workflows**: Optimized blood donation processes, including inventory management and donor scheduling, handling over 1,000 records.
- **Automated Notification System**: Engineered a robust system to alert donors based on blood group needs, boosting donation response rates by 5%.
- **Open Source Contribution**: Released as a community-driven open-source initiative on Github.

LogoIstic   October 2023
Web-Based Logo Customization Application with real-time preview functionality.

- **Technology Stack**: Developed using React, Vite, Tailwind CSS, and shadCN library for enhanced UI/UX components.
- **Customization Features**: Implemented features for selecting from 100+ icons, adjusting size, rotation (±180°), and color, with customizable backgrounds.
- **Performance Impact**: Optimized the app for a seamless user experience, achieving a load time under 2 seconds, with a 25
- **Open Source Contribution**: Published as an open-source project on Github, fostering community-driven improvements. Deployed on Vercel, ensuring high performance and scalability.

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Organized a thriving 3-day Dance-Fest with 25+ celebrity guests and 400+ attendees.
- Secured the title at ECell National Hackathon 2023 (Out of 30+ Teams).
- Managed 120+ Team Members across 5 departments as Club Coordinator, Dance Club.
- Headed the Cultural Performance Team at AdVITya '24 (College Techno-Cultural Fest with 12k+ footfall).

CO-CURRICULARS

- **LeetCode**: Achieved 265,437 in Aug-2024, solving 300+ problems with an average acceptance rate of 79.46%.
- **GeeksforGeeks**: Maintained a consistent streak for 177 consecutive days, demonstrating strong dedication and perseverance. Ranked 170 during this streak among the students of VIT Bhopal, solving 300+ problems.