

DEEKSHA KUSHWAHA

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EDUCATION

Vellore Institute of Technology, Bhopal	2022 - 2026
B. Tech in Computer Science and Engineering	CGPA – 8.96
Allenhouse Public School, Kanpur	2021
Class XII	PCM-94.2%
Allenhouse Public School, Kanpur	2019
Class X	95.5%

TECHNICAL SKILLS

- **Language:** C++, Python
- **Technologies:** HTML, Tailwind CSS, React.js, Node.js, Express.js, Golang, MySQL, MongoDB
- **Tools/ Frameworks :** Git & GitHub, Figma, Dockers

PROJECTS

File Vault Website <i>React.js, MySQL, Golang, Docker</i> Link	Aug 2025 - Sep 2025
<ul style="list-style-type: none">• Constructed a safe full-stack file repository with SHA-256 dedupe, reducing duplicate storage by 40% and enhancing the efficiency of the system for 100+ users.• Built RESTful Go APIs with rate limiting (2 req/sec) and storage quotas (10 MB/user) to maintain stability and avoid overloads.• Developed a responsive React frontend with multi-file drag-and-drop, 5+ search filters, and live upload progress, enhancing UX satisfaction by 30%.	
Campus Auction Website <i>MERN Stack, Python</i>	Jan 2025 - Mar 2025
<ul style="list-style-type: none">• Led a group of 9 developers in end-to-end production of a MERN-stack campus auction platform, guiding project planning, task assignments, and final release.• Designed the core real-time bidding system of the platform with Node.js, Express.js and MongoDB, processing more than 100 simultaneous bid submissions.• Rolled out a computer vision functionality to automatically reject and detect blurry photos, cutting low-quality postings by 30% and increasing user confidence.	
Smart Campus Navigation System <i>Python, Folium</i>	May 2024 - Oct 2024
<ul style="list-style-type: none">• Designed an interactive campus navigation system with Python, Pandas, and Folium to graphically display routes and important locations on the college campus, decreasing student travel time between classes by an average of 20%.• Added an indoor navigation module that mapped and presented accurate routes inside buildings, directing users to 20+ features such as washrooms and water coolers.• Constructed a "Free Classroom Finder" through processing timetabled data from colleges, which allows students to easily find and access empty rooms for studying instantly.	

EXTRA-CURRICULAR ACTIVITIES.

Core Team Member , Anime Club	Dec 2024 - Jul 2025
<ul style="list-style-type: none">• Hosted 4+ campus events with 100+ attendees; coordinated event operations and social media campaigns to increase engagement by 25%.	
Student Teacher , Pi Mathematics Association	Mar 2024 - Jul 2025
<ul style="list-style-type: none">• Mentored 30+ students in advanced math; conducted weekly Q&A sessions to enhance conceptual knowledge	

ACHIEVEMENTS

- **Semifinalist**, *Nokia Accelerate Her 2025* — Advanced to national semifinals in coding hackathon.
- **Semifinalist**, *SIH 2024 (College Round)* — Developed dataset for early detection of plant diseases using ML on image and environmental data.