

# Deeksha Kushwaha

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## Education

<b>VIT Bhopal University, Bhopal</b>	<b>2022 - 2026</b>
B. Tech in Computer Science and Engineering	CGPA – 8.95
<b>Allenhouse Public School, Kanpur</b>	<b>2021</b>
Class XII	PCM-94.2%
<b>Allenhouse Public School, Kanpur</b>	<b>2019</b>
Class X	96%

## Technical Skills

- **Programing Language:** C++ (DSA), Python
- **Technologies:** HTML, CSS, MERN (MongoDB, Express.js, React.js, Node.js) Stack, MySQL
- **Tools/ Frameworks :** Git, GitHub, Android Studio

## Projects

**Campus Auction Website** | MERN Stack (MongoDB, Express.js, React, Node.js) Jan 2025 – Mar 2025

- Led a team of 9 to develop a full-stack campus auction platform enabling 1000+ students to list, bid, and purchase second-hand items.
- Built and deployed a scalable bidding system using Node.js, MongoDB, and React, handling 50+ concurrent bids per item and enhancing real-time interactivity.
- Managed end-to-end development, including API integration and deployment, achieving 100% sprint goal completion and reducing dev time by 25%.

**To-Do App (Taskly)** | Android Studio, Java, XML Feb 2025

- Built a task management app in 1 week with add, update, delete, and complete task features using MVVM architecture and SQLite for offline storage.
- Integrated a real-time home screen widget to manage up to 10+ tasks without launching the app, boosting user productivity.
- Designed a responsive, fast-loading UI with XML layouts, supporting 90%+ Android screen resolutions and achieving load times under 1.5 seconds.

**Smart Campus Navigation System** | Python, Folium, Pandas, ipywidgets Aug 2023 – Oct 2023

- Managed a 5-member team to develop a Python-based navigation tool covering over 15 key locations, including classrooms, restrooms, and water coolers within Academic Block-1.
- Integrated search and slot-based classroom availability features for 100+ rooms, enabling students to find study spaces in real time.
- Enhanced user experience with an interactive interface using ipywidgets, reducing navigation time for new visitors by approximately 40%.

## Certifications

- Marketing Analytics by NPTEL, Score 77%, Jan- Apr 2025
- FullStack Developer MERN by Smartbridge, Score 96.8, Jan-Apr 2025
- Devops, Agile and Design Thinking by IBM Career Education, Jan-Apr 2025
- Cloud Computing by NPTEL, Score 87% (top 2% of the class), Jan - Apr 2024

## Achievements and Extra-Curriculars

- Core Member, Teaching Team, Pi Mathematics Association, VIT Bhopal University (Mar 2024 - Present): Instructed over 20 students in advanced mathematics concepts.
- Core Member, Web Development Team, Anime Club, VIT Bhopal University (Mar 2024 - Ongoing): Organized multiple events with attendance exceeding 100 participants.
- 3D Modeling Enthusiast: Designed and created more than 15 3D models using Nomad Sculpt, specializing in characters and objects for digital art and concept work.