

Deeksha Kushwaha

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Education

VIT Bhopal University, Bhopal	2022 - 2026
B. Tech in Computer Science and Engineering	CGPA - 9.2
Allenhouse Public School, Kanpur	2021
Class XII	PCM-94.2%
Allenhouse Public School, Kanpur	2019
Class X	96%

Technical Skills

- **Programing Language:** C++, Python
- **Programing Patterns:** Data Structure, Algorithms
- **Technologies:** HTML, CSS, JavaScript, MySQL, Machine Learning,
- **Tools/ Frameworks :** Unity, Android Studio, WampServer, Github
- **Others:** Git, GitHub

Projects

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

- Built a application to assist students and parents in navigating the college campus, with an added feature to locate **available classrooms** for study sessions, while leading the **team of 5** members in project planning and development, focusing on backend implementation.

College Club Management | HTML, CSS, PHP, MySQL, WampServer | Feb 2024 – May 2024

- Created a **prototype website** to streamline club event management, providing a **centralized platform** where students can explore and stay updated on various club activities. The system enables clubs to **create, manage, and promote events efficiently**.

3D Dog Animation | Unity, C++, Vuforia | Feb 2024

- Developed a 3D dog animation using Vuforia Augmented Reality SDK, enabling interactive experiences by scanning a dog image to display a 3D model. Led the integration of AR tracking and animation for dynamic user interaction

Quiz App | Android Studio, Java, XML | Dec 2024

- Designed a quiz app using Android Studio, allowing users to answer multiple-choice questions and receive instant results. Focused on **user-friendly interface** design and efficient result tracking.

School Library Management System | Python | Nov 2020 – Apr 2021

- Created a **library management system** for my school using Python, incorporating a fine system and providing users with the option to have books delivered to their respective class or collect them in person.

Certifications

- Cloud Computing by NPTEL (Jan – Apr 2024), Score 87% (**top 2%** of the class)
- Unity and C# Basics by Coursera, Feb 2024
- The Bits and Bytes of Computer Networking by Coursera, Dec 2023
- Python Essentials, VITYarthi

Achievements and Extra-Curriculars

- Participant, American Express Makeathon (Hackathon), May 2024
- Participant, Level Up(Techno-Cultural Fest), AdVITYa, 22-24th Feb 2024
- Hackerrank **5 star** in C++ and Python.
- Core Member, Teaching Team, Pi Mathematics Association, VIT Bhopal University(Mar 2024 - Ongoing): Taught more than **20+ Students**
- Core Member, Web Development Team, Anime Club, VIT Bhopal University(Mar 2024 - Ongoing): managed various events with more than **100+ participants**

Leadership

House Captain | 2020 – 2021

- Led and Manage **500+ Students** in various events and activity

Sports Vice Captain | 2019 – 2020

- Organized and managed various State and School level events which includes **1 State Golf Tournament** and **1 Cross-School Chess Competition**.