



Deeksha

B.Tech
Computer Science & Engineering(Data Science)
Pranveer Singh Institute of Technology, Kanpur

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EDUCATION

• Pranveer Singh Institute Of Technology	2021-2025
B.Tech: CSE (DS)	CGPA: 8.27
• Dr. Virendra Swarup Education Centre	2019-2020
12th - ISC, Uttar Pradesh	77%
• Dr. Virendra Swarup Education Centre	2017-2018
10th - ICSE, Uttar Pradesh	87.33%

PROJECTS

•Chicken Disease Classification

Use Case: To detect and prevent the diseases in poultry industry.

- Designed and implemented a predictive model for early detection of poultry diseases like Coccidiosis achieving 80% accuracy. Leveraged Flask for deployment and MySQL for robust data storage and processing. Integrated REST APIs for seamless application functionality.
- To be implemented: DVC pipeline for tracking image dataset changes and ensuring model reproducibility.

Tech Stack: Backend - Python, AWS

•Ticket Booking System

Use Case: To help user to book tickets for events using console application.

- Take user input for the seat and the theatre and reserve seat on successful confirmation.
- Test cases built to check the happy scenario.

Tech Stack: Backend - Python, Database: MySQL

Git: <https://github.com/2k22deeksha/BMS>

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, C++

Frameworks & Developer Tools: VS code, Tensorflow, Git

Cloud/Databases: AWS, SQL

Familiar: Data Structures, Algorithms, DBMS, MySQL, OOPs, SDLC, Networking

Soft Skills: Effective communication, Emotional intelligence, Attention to detail, Organization, Creativity

Coursework: Fundamentals of Python

EXPERIENCE

Oasis Infobyte internship

Developed a user-friendly temperature conversion calculator for seamless conversion between Celsius, Fahrenheit, and Kelvin.

Designed and executed test cases to validate functionality across positive and negative scenarios.

Tech Stack

- Front-End: HTML, CSS.
- Back-End : Python

POSITIONS OF RESPONSIBILITY

- Head of the College Coding Competition Committee**, Organised coding competition in college
- Event Coordinator**, Interschool Dance Competition

ACHIEVEMENTS

- Certificate of completion of Complete Python developer: Zero to Mastery by Udemy
- Certificate of completion of Object Oriented Programming using Python
- Certificate of participation in Round 1 of Tata Imagination Challenge 2023
- Certificate of participation in Consultathon 4.0 organised by BITS Pilani
- Certificate for social cause: Helping the people under National Cancer Control Programme
- Certificate of participation in Dainik Jagran-Sanskarshala