

## EDUCATION

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