

DAKSH GUPTA (2K21/IT/57)

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EDUCATION

B. Tech (Information Technology)	2021 - 2025	Delhi Technological University	8.885 CGPA (Till Sem 4)
CBSE (Class XII)	2021	Vivekanand School, Anand Vihar	95.2%
CBSE (Class X)	2019	Bal Bharati Public School	94.8%

ACADEMIC PROJECTS

HOSPITAL MANAGEMENT SYSTEM (Group Project)

- Built a hospital Management System where one can get detailed information about total no. of patients in a hospital, if a patient is inpatient or outpatient, what is lab report no. of patient, his/her room no. and many more.
- Tech Stack: SQL, DBMS**

SPAM CLASSIFIER

- Built a machine learning model that classifies the given input string text into spam or not-spam. It uses many tools and NLP techniques for exploratory data analysis.
- The dataset was taken from Kaggle and then model was deployed on localhost by streamlit.
- Tech Stack: Pandas, NumPy, Seaborn, Matplotlib, Word Cloud, Streamlit, NLP**

WEATHER FORECAST

- Create a webpage that, upon entering a location, provides detailed weather information, including temperature, wind speed, humidity, and more for the specified place.
- Tech Stack: HTML, CSS, JS, openweathermapAPI**

E-Commerce Website

- Built a fully responsive and interactive e-commerce website to shop for clothing. The interface is user friendly and there are various options to choose from.
- Tech Stack: HTML, CSS, JS**

ACADEMIC ACHEIVEMENTS

- Secured 3rd position out of 28 teams in IGVC '23 (International Ground Vehicle Competition), in **Michigan, U.S.A.** Successfully Built and Deployed an autonomous ground vehicle at **Oakland University, Detroit.**
- Appeared in Dainik Jagran Delhi on June 1, 2023 and June 21, 2023
- Secured 2nd position in Codescript 2023 organized by DTU.
- Rated 3 STAR on CODECHEF
- Solved 1000+ problems on various platforms – Leetcode, GFG, Codeforces, Hackerrank.

TECHNICAL SKILLS

- Programming Languages/Tools: **C++, Python, Arduino, ROS, Git, VSCode, SublimeText**
- Database and Storage: **SQL**
- Web-Dev: **HTML, CSS, JS, Bootstrap, API**
- CourseWork: **DBMS, OOP, OS, DSA**
- Simulations: **Gazebo, Rviz**

POSITION OF RESPONSIBILITY

Software Head at Unmanned Ground Vehicle (UGV-DTU). A tech-team that works on autonomous technology to build delivery robots, self-driving vehicles, etc.