



SIDDHARTH GAUTAM

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EDUCATION

National Institute of Technology, Patna

Bachelor of Technology - Computer Science and Engineering.

GPA: **8.19**

2021 – 2025

Escorts World School, Kanpur

High school;

RESULT: **96.4%**

2019

Escorts World School, Kanpur

Intermediate;

RESULT: **87.0%**

2021

PROJECTS

SpamShield

- An Email **Span Classifier** using **Multinomial Naïve Bayes** with **TF-IDF** vectorization for efficient feature extraction.
- Successfully implemented a robust spam detection system that categorized emails with high accuracy, significantly reducing false positives and ensuring a cleaner, more secure inbox. The model demonstrated strong performance in **handling large datasets**, enhancing the overall efficiency of email filtering.

PawDetect AI

- A **Deep learning** model to **Classify Images** of cats and dogs using **Convolutional Neural Networks (CNN)** in Python.
- Used data augmentation techniques, like **rotation, flipping, and zooming**, to add variety to the training data. Applied transfer learning from pre-trained models to boost **accuracy and speed up training**.

Pixelkeeper

- A Sleek **Image Gallery app** built with **React, Firebase, Firestore**, and **Tailwind CSS**.
- It offers a **user-friendly interface** for managing image collections, with real-time updates from Firestore and a stylish UI from Tailwind CSS, making it ideal for photographers, artists, and photo enthusiasts.

POSITIONS OF RESPONSIBILITY

Team Member of Debug Thugs

Web Weaver Hackathon of NITP (01/2023 - 01/2023)

- Played a key role in the Winning team of the Web Weaver Hackathon at NITP, securing first Prize among competitive entries.

Core Team Member

Web Dev Team HackSlash Club, NITP

(04/2022 –09/2022)

ML Team GDSC Club, NITP

(10/2023 -02/2024)

President - Dance Club, NITP

(02/2024-present)

SKILLS SUMMARY

Languages: C, C++, Python.

Frameworks: ReactJS, NodeJS, Express.

Databases: MySQL

Subjects: Operating Systems, Machine Learning, Deep learning, OOPS, DBMS, Data Structures.

Soft Skills: Problem Solving, Management, Leadership.

AWARDS AND ACHIEVEMENTS

- Proficient in **problem-solving** and algorithmic challenges on platforms like [GFG](#) & [LeetCode](#).
- **Winner** at NITP Hackathon as Team Member. [Certificate](#)
- Solved more than 500 coding problems on different platforms and has a rating of **1775** on [LeetCode](#).
- Successfully completed Udemy courses on [Data Structures & Algorithms](#), [Complete Web Development](#), and [Machine Learning](#) Certificates.
- Contributed to the team's success in **ByteVerse** [Certificate](#).