Ankur Gupta

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EDUCATION

- **Indian Institute of Information Technology** — Lucknow, Uttar Pradesh
  Bachelor of Technology in Computer Science and Artificial Intelligence; GPA: 8.17 — *Nov. 2020 - Aug. 2024*

- **Sh. S. N. Sidheshwar Sr. Sec. Public School** — Gurugram, Haryana
  Senior Secondary Education; Percentage: 89.8 — *Aug. 2018 - Mar. 2019*

WORK EXPERIENCE

- **Internship at C-DOT** ⚭: Student Trainee — July 3, 2023 - August 11, 2023
  - **Description:** Researched the effect of using 30 different pretrained models from timm library as backbones with arcface as final layer for facial recognition.
  - Monitored various graphs such as valid loss, training loss, f1-score, recall, precision through Wandb.ai
  - Used data visualisation techniques to notice dataset(LFW) trends
  - **Techstack:** Python, Pytorch, Wandb, Fast.ai, Deep Learning

PROJECTS

- **Movie Recommender**: — Nov 2022
  - **Techstack:** HTML, CSS, Bootstrap, Flask, Javascript, Python, Machine Learning
  - **Description:** Helps to recommend movies based on your searched movie using machine learning models and gives overview about searched movie such as cast, reviews, genre, etc. It also involves sentiment analysis.
  - **Contribution:** Back-end, data cleaning and implementation of machine learning models

- **Skin Care — Skin Cancer Detection System**: — April 2023
  - **Techstack:** HTML, CSS, Bootstrap, Flask, Tensorflow, Javascript, Python, Machine Learning, Firebase
  - **Description:** Uses advanced machine learning algorithms that analyze images of skin lesions to detect and diagnose 7 types of skin cancer diseases accurately.
  - **Contribution:** Backend, data cleaning in ML and integration of ML model with project

- **Machine Learning Algorithms**: — Sept 2022
  - **Techstack:** Python, Machine Learning
  - **Description:** Implemented a wide range of machine learning algorithms from scratch in Python, including Regression, Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), Generative Adversarial Networks (GAN), and more.
  - **Contribution:** Made the whole project with the goal of learning Machine Learning in depth.

ACHIEVEMENTS

- **Codekaze** ⚭
  Secured AIR - 65 in Codekaze Sep'23 Round 2

- **Certification** ⚭
  Completed Amazon ML Summer School Program 2023

- **HScTSS**
  Secured a Scholarship amount in HScTSS in class 10th

- **Cybersecurity**
  TryHackMe: 10455 Points (Level 9+), Rank:16868; HackTheBox: 8 system owns, 11 user owns, Global Rank:502

ACADEMIC COURSES

- Data Structures and Algorithms
- Operating Systems
- Database Management System
- Object Oriented Programming

Programming Skills

- **Languages: Python, C**, C++, MySQL, Javascript**(**Intermediate Level)**:
- **Technologies: HTML, CSS, Github, Linux(Ubuntu and Kali), Node.js, MongoDB, React.js, Flask, Pytorch, Fast.ai, Machine Learning, Deep Learning, Excel, Tableau** :

Responsibility

- **Goonj- Drama society IIIT Lucknow**: Senior Member   May 2022 - September 2023
  - Conducted Navras event in online mode, and led rehearsals and event coordination for successful drama performances.