

SANA GHUFRAN

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[GitHub](#) || [LinkedIn](#)

Education

BTech Computer Science Engineering

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY for WOMEN

8.5 CGPA

2021-2025

Senior Secondary Education

CBSE

95.6 %

2019-2021

Secondary Education

CBSE

95.8 %

2017-2019

Work Experience

Computer Vision and Deep Learning Research Intern

Jun 2023 - Jul 2023

Anveshan Foundation IGDТУW

[Github Link](#)

- Learnt Neural networks , ANN, CNN, Masking/Segmentation, Pretrained models, yoloV8 - object detection Model.
- Worked on classifying Lung cancer detection to achieve high accuracy that could be helpful in Medical diagnoses of cancer using computer intelligence.
- The training accuracy was 99% and testing accuracy 98%.

Projects

Skin Cancer Detection

[Github Link](#)

- Classified different categories of skin cancer using Transfer Learning model (Pretrained Model)
- Training accuracy of 93%

Crop Disease Detection

[Github Link](#)

- For different crops ,We have classified diseases where dataset consists of about 87K RGB images of healthy and diseased crop leaves which is categorized into 38 different classes.
- Training accuracy of 94% and Testing accuracy of 83%.

Skills

Languages:

C/C++, Python, HTML, CSS, MySQL, Java (Beginner)

General:

Data Structures, Algorithms, Deep Learning, Operating Systems
Object oriented programming, DBMS

TechStack:

TensorFlow, Keras, OpenCV, Pandas, Numpy, Sci-Kit Learn

Achievements

- Over 300+ questions solved on InterviewBit , LeetCode , GFG , CodeStudio.
- Achieved Elite Silver medal in NPTEL Computing using python course
- Artificial Intelligence certification from Coincent IIT Kharagpur.

Extra-Curriculars

- MENTOR| DESH KE MENTOR APP| Guided mentee for their studies and future goals and plans .
- Part of the Event Management Team in cultural Taarangna fest.

Position of Responsibilities

- Class Representative.
- Volunteering at Margins to Mainstream Foundation Delhi.
- Volunteered Microsoft Azure Developer community AI/ML meetup in Gurugram.