AYUSH SAXENA
MACHINE LEARNING ENGINEER

🖥 LINKEDIN
🖥 GITHUB

SKILLS

- Machine Learning
- Image processing
- Natural Language Processing
- Deep Learning
- Neural Nets(CNNs ,Resnet 50)
- Immersive AI (AR, MR)
- Unity Game Engine
- OOPS
- Java, Python, SQL , R , C#

EDUCATION

2021 - 2025
DIT UNIVERSITY

- Bachelors Of Technology (CSE), Data Science & M.L.

2020 - 2021
ST. MARRYS SCHOOL

- XII - PCM with CS(Python) 76%

LANGUAGES

- English (Fluent)

CONTACT

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📍 THDC colony , Haridwar (UK)

PROFILE

Machine Learning Engineer skilled in ML , DL , Data science and data handeling tools and Immersive AI . i had experience in Deep neural net architecture and image processing tools . Also I had contributed in the field of Immersive AI in Augmented Reality and Mixed Reality application development.

WORK EXPERIENCE

- **CSIR - CSIO Research Institute**
  Research Intern   MYAY 2024 - JULY 2024

  - Developed Fully Functional Deep Learning based model for Diabetic Foot Ulcer(DFU) early stage detection algorithm by using FLIR - E60 Thermal Camera.
  - Developed Hardware for the DFU image data transfer through WI-FI by using ESP - 32 and STM modules.
  - developed Mixed reality application in unity game engine that facilitates to try the furniture at your place before buying .

Certification (https://github.com/Legenddop/Cirtificates)

Year	Certificate	Provided By	Skill Attained
2024	Google Data Analytics	Google	DataAnalysis, SQL,Data Visualization, DataManagement ,General Statistics
2023	Machine Learning With Python	IBM. Regression, Classification	Clustering, K-means, KNN Clustering
2023	Data Science	IBM Data Handeling	DataManagement, DBMS and RDBMS concepts.
2023	Introduction To Deep Learning	IBM Algorithms ,Artificial Neural Networks	Deep Learning, Human Learning
2023	Introduction To Software Engineering	IBM	Software Developmert Lifecycle (SDLC), software development frameworks methodologies like Agile and Scrum.

ACADEMIC PROJECTS

NLP based Text Recogniser

It is a supervised machine learning model that first is fed by the Mnist dataset that contains various images of handwritten text and then convert the user input to the text language

Jarvis – MLBased Voice Assistant

An ML based project .It can perform varioustasks on speech recognisation like opening chrome ,wikipedia ect, play song from spotify. It can further modified for various task . Its totally developed with python programming language