

# Ankur Shukla

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## EDUCATION

### IIIT VADODARA

BACHELOR OF TECHNOLOGY - CSE  
December 2020 - Present | Gujarat ,  
India  
CPI: 7.4 (6-sem)

### SMART INDIA HACKTHON 2022

ASIA LARGEST TECH HACKTHON  
August 2022 | Rashipuram ,TN India  
Winner : 1st Rank under AICTE problem  
statement

### FVM DATAVERSE HACKTHON 2023

FILECOIN HACKTHON  
May 2023 | Online  
Winner : Risk Management in NFT  
lending Protocol

## COURSEWORK

Machine Learning  
OOP Programming  
DBMS  
Operating System  
Artificial Intelligence  
Algorithms and Data Structures  
Software Engineering

## SKILLS

### PROGRAMMING

Language  
C++ • Python • C  
Framework  
TensorFlow • Keras • Flask  
Familiar:  
Linux • Computer Vision • Django •  
MySQL

### VCS & BUILD TOOLS

Git • Github Actions

### DEVELOPMENT

- Agile Development methodologies
- Test Driven Development
- Collaboration in cross-functional teams

## ACTIVITIES

Enigma - Mathematical club IIITV  
GDSC Volunteer ( in 2nd year )  
Cerebro Technical iiitv feast Organiser  
GDSC ML Volunteer in 2nd year.

## EXPERIENCE

### ML RESEARCH IIT JODHPUR | SUMMER INTERNSHIP

May 2023 - July 2023 | Jodhpur, Rajasthan

- Worked on HAR system using machine learning and deep neural network
- Analysed problem arise in gathering data from various resouces and implemented using various ML model
- Achieved the accuracy of 0.89 in ANN

### GOOGLE STUDENT DEVELOPER CLUB | ML - AI LEAD

Apr 2022 - May 2023 | Gandhinagar, Gujarat

- Conducted workshop of machine learning from which 57+ student get benifited
- Build a ML community of 267+ student to support intrested one to explore efficiently

## PROJECTS

### SYNMAGE | PYTHON, TENSORFLOW, PYTORCH, PANDAS, GAN

July 2023

- Generated medical image synthetic data using WGAN .
- Helpful in early detection of disease even with less data.
- More generalised and robust model trained non - biased dataset

### BNN MNIST | PYTHON, SKLEARN, PYTORCH

April 2023

- Implemented Bayesian Neural Network on Mnist data set.
- Explored the uncertainty in weights of Neural Network with 0.9 prediction accuracy.
- Model was able to decide when not to give prediction.

### SHISHYA:DOCUMENT VERIFICATION | PYTHON, OCR, COMPUTER VISION

August 2022

- Classified if uploaded document belong to certain category .
- Used similarity detection and Content recognition using Optical character recognition for classification .
- Reduced the document verification from 20 days to 7 days (expected)
- Approached by AICTE official for developing the solution for them

## AWARDS

2023	Track Winner	Filecoin Virtual Machine Dataverse Hackthon
2023	semi-finalist	Chainlink Hackthon
2022	1 <sup>st</sup> /30,000	Smart India Hackthon 2022
2022	semi-finalist	Azadi ka Amrit Mahautsav Hackthon 2022
2021	Certificate	Python HackerEarth
2021	10 <sup>th</sup> /120	Coding club ML challenge IIITV