



# Sharad Mishra

sharadkrishna510@gmail.com  
(+91) 7987735173

## EDUCATION

### ABV-INDIAN INSTITUTE OF INFORMATION TECHNOLOGY & MANAGEMENT

INTEGRATED (B.TECH+M.TECH) IN  
INFORMATION TECHNOLOGY  
2015-2020 | CGPA 7.17

### CENTRAL HINDU SCHOOL VARANASI, U.P.

Class XII: 91.8 | 2012-14  
Class X: 10.0 CGPA | 2010-12

### INDIRA GANDHI NATIONAL OPEN UNIVERSITY

MASTER OF POLITICAL SCIENCE  
2023 onwards

## LINKS

LinkedIn:// [sharadmishra](#)  
Github:// [sharundra](#)

## SKILLS

### MACHINE LEARNING

Data preprocessing & Feature  
Engineering  
Supervised & Unsupervised Learning  
Algorithms  
Artificial Neural Networks  
Reinforcement Learning

### DEEP LEARNING

CNN, RNN, LSTM networks  
GAN, Transformer & SeqGAN networks  
CV : Image recognition,  
Object detection  
NLP : Machine Translation,  
Text classification

### LIBRARY, FRAMEWORKS & LANGUAGES

Python | C/C++ | Java  
NumPy, Pandas, Scikit-learn & OpenCv  
TensorFlow & Keras

### APPLIED MATHS

Linear Algebra  
Calculus  
Statistics & Probability  
Information Theory  
Differential Equations

## WORK EXPERIENCE

### MACHINE LEARNING ENGINEER AT QUANTIPHI

Aug 2020 - Oct 2020

- Had opportunity to work on semantic segmentation problem to determine the region of the different diseases by looking at the 3D medical image provided.
- Employed models such as U-Net and Mask R-CNN & Python and popular machine learning frameworks like TensorFlow and PyTorch to implement and fine-tune these models.

### INTERN AT GREYATOM SCHOOL OF DATA SCIENCE

May 2019 - June 2019

- Image data retrieval and preprocessing was performed on a fashion apparel csv dataset which contained more than 10 lac rows.
- An image classification problem was solved through transfer learning on ResNet50 architecture and then similar image retrieval problem was solved through the concept of autoencoders.

### PROFESSIONAL GAP

Jan 2021 - May 2023

- Pursued the civil services examination

## PERSONAL PROJECT

### END TO END IMPLEMENTATION OF IMAGE CLASSIFICATION DL PROJECT WITH CLOUD DEPLOYMENTS (Sept 2023)

- From inception to deployment, incorporated robust MLOPS practices.
- Implemented a planned workflow, including writing template code, managing dependencies, setting up logging and implementation of components of data ingestion, base model, callbacks, model trainer and evaluation.
- Utilized DVC to manage configurations, data ingestion, model training, and deployments.

### OBJECT DETECTION WITH CUSTOM ARCHITECTURE OF YOLOV3 AND WITH CUSTOM DATASET ON YOLOV4 (Aug 2023)

- Created a custom YOLOv3 architecture from scratch and then using advanced techniques of anchor boxes and non-max suppression, accurately predicted bounding boxes for different objects in an image.
- Darknet framework based YOLOv4 model was trained on a custom dataset of annotated images to predict different objects in an image.

## EXTRA-CURRICULARS

### AURORA 2018(ANNUAL TECHNO-CULTURAL-MANAGERIAL FEST OF IIITM) | CO-ORDINATOR

Dec 2017-Feb 2018

### TEDXABVIIITMG 2018 | CURATOR

Aug 2017

managed itinerary of distinguished speakers

### UTTHAN IIITM | CO-ORDINATOR

Aug 2018-June 2020

managed the media club of IIITM.

### PUBLIC SPEAKING | PERSONAL INTEREST

have spoken at length at various distinguished stages