



Sharad Mishra

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EDUCATION

ABV-INDIAN INSTITUTE OF INFORMATION TECHNOLOGY & MANAGEMENT

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

CENTRAL HINDU SCHOOL

2007-2014 | VARANASI, U.P.
Class XII: 91.8
Class X: 10.0 CGPA

INDIRA GANDHI NATIONAL OPEN UNIVERSITY

MASTER OF POLITICAL SCIENCE
2023 onwards

LINKS

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

SKILLS

MACHINE LEARNING

Linear Algebra & Probability
ML Algorithms
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

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.

INTERN AT GREYATOM SCHOOL OF DATA SCIENCE

May 2019 - June 2019

- Deep Learning models for CV were created on a csv dataset which contained more than 10 lac rows with heavy data preprocessing.
- Firstly an image classification problem through transfer learning was solved and then similar image retrieval problem was solved through the concept of autoencoders.
- some synthetic datasets were also created and their robustness was checked on different ML models.

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

UTHHAN 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