SUBODH MISHRA

+91-9695259916 ⋄ Mahoba, Uttar Pradesh, India
subodhmishra1711@gmail.com ⋄ [GitHub](#)

EDUCATION

VIT Bhopal University	**Cumulative GPA: 8.78**
B.Tech in Computer Science Engineering with Spec. In AI&ML	
Expected 2027	
Christ Convent School, Rath	**Percentage: 80.6%**
Class X, CBSE	2020
St. Joseph School, Mahoba	**Percentage: 74.6%**
Class XII, CBSE	2022

PROJECTS

Deep Fake Detection — AI-generated Image Classification   Jan 2025 – Apr 2025
Web Development

- Developed a deep learning model to classify real vs. AI-generated (deepfake) images using CNN architectures (Xception, MesoNet, EfficientNet).
- Implemented image preprocessing and feature extraction with Python, OpenCV, TensorFlow, and Keras to detect artifacts and inconsistencies.
- Trained and tested models on FaceForensics++ and Celeb-DF datasets, improving accuracy in detecting manipulated facial images.
- Built a Flask-based interface to upload and classify images in real-time with confidence scores for practical usability.

Anomaly Detection in Networking — Ensemble ML Models   Dec 2024
Machine Learning

- Developed an ensemble-based anomaly detection system using CNN, ANN, and LSTM models trained on the NSL-KDD dataset, achieving reliable classification of normal vs. anomalous traffic.
- Implemented data preprocessing, model training, and performance evaluation (accuracy, precision, recall, F1-score) using Python, TensorFlow, and Scikit-learn.
- Designed and implemented visualizations (accuracy graphs, confusion matrix) using Matplotlib and Seaborn to interpret model performance.
- Enhanced detection accuracy by leveraging spatial (CNN), non-linear (ANN), and temporal (LSTM) features, reducing false positives in network security monitoring.

TECHNICAL SKILLS

Programming: Python, C++, SQL, Java, HTML, CSS, JavaScript,
Frameworks & Libraries: TensorFlow, Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, Flask
Tools: Git, GitHub, Jupyter Notebook, VS Code, Postman

CERTIFICATION

- [MERN Full Stack Certification Program, Ethnus](#)
- [Cloud Computing, NPTEL](#)

HOBBIES

- Cooking
- Volleyball and Cricket