

SAIF ANSARI

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SUMMARY

B.Tech CSE (AI & ML) student with strong hands-on experience in Python, machine learning, computer vision, data analysis, and web application development. Skilled in building end-to-end ML pipelines, predictive models, explainable AI solutions, and real-time biometric systems. Seeking software and AI/ML roles to apply technical expertise to practical, impactful solutions.

EDUCATION

Maharishi Markandeshwar Deemed To Be University (MM(DU)), Mullana, Ambala Aug 2023 – Present

B.Tech in Computer Science Engineering (AI & ML) | CGPA: 7.60

Atal Bihari Singh +2 High School, Bhabhua, Kaimur, Bihar 2017 – 2019

12th Science | 1st Division

EXPERIENCE

Machine Learning Intern — NIELIT Patna, Bihar May 2025 – Jun 2025

- Worked on practical machine learning tasks using Python and standard data science workflows.
- Performed data preprocessing, analysis, feature preparation, model training, and evaluation using Python ML tools.

PROJECTS

Heart Disease Prediction — AI-Based Cardiovascular Risk Assessment | [Github](#) |

- Developed an ML model to predict heart disease risk from clinical and health parameters.
- Built an end-to-end pipeline covering preprocessing, feature scaling, correlation analysis, model training, and evaluation.

Technologies: Python, Pandas, NumPy, Scikit-learn, Flask, Streamlit, SHAP, Matplotlib, Seaborn, HTML, CSS, JavaScript

Liveliness Detection for Face Recognition — Anti-Spoof Verification System | [Github](#) |

- Designed a biometric liveness classifier to detect spoofing through image, video, and mask-based attacks.
- Implemented CNN-based feature extraction with motion analysis, blink detection, and depth/texture analysis.
- Achieved real-time performance and reduced the probability of accepting spoof attempts.

Technologies: Python, OpenCV, Dlib, MediaPipe, TensorFlow, Keras, PyTorch, NumPy, Flask, Streamlit

TECHNICAL SKILLS

Programming Languages: Python, Java

Machine Learning & AI: Machine Learning, Deep Learning, Computer Vision, Predictive Modeling, Explainable AI

Libraries & Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, PyTorch, OpenCV, Flask, Django, Streamlit

Databases: MySQL, SupaBase, Firebase

Developer Tools: Git, GitHub, VS Code, Jupyter Notebook, Google Colab, Kaggle, Linux

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, Design Patterns, Data Analysis

CERTIFICATIONS

- ServiceNow Certified Application Developer (CAD)
- Oracle Cloud Infrastructure 2025 Generative AI Certified Professional
- Python 101 for Data Science — IBM SkillsBuild
- ServiceNow Micro-Certification — Flows