

VINAY KUMAR MISHRA

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📍 Pratapgarh, UttarPradesh, India

EDUCATION

HARIDWAR UNIVERSITY- Roorkee, Uttrakhand, India AUGUST2024-PRESENT

Bachelor's Degree Computer Science and Engineering(AI&ML) | GPA 7.23

Relevant Course: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs), Operating Systems, Databases (DBMS)

PROJECTS

Face Recognition Attendance System

Developed a Python application for about 50 persons leveraging Python and OpenCV, facilitating accurate and efficient attendance tracking image processing technology.

Technologies: OpenCV, face_recognition, firebase, NumPy.

Smart Customer Support Chat-bot

An advanced AI-powered chat-bot that uses LLMs like Gemini AI to deliver accurate, context-aware, and empathetic support across various domains.

Technology: Flask, Gen AI, LangChain, FAISS

Crime Prediction and Risk Analysis

An AI/ML application that lets users select a year, state, and district to identify major crime types and assess if the area is high-risk or low-risk, offering key safety insights.

Technology: Pandas, NumPy, Scikit-learn, Joblib, Streamlit

LICENSES AND CERTIFICATIONS

② Power BI Certificate - | Microsoft|

② AI&ML Workshop Certificate - | IIT Roorkee |

② Spoken Tutorial Certificate - | IIT Bombay |

② Leadership and Teamwork Certificate - | L&T EduTech |

② IT Primer Certificate - | L&T EduTech|

② Innovation Design Workshop Certificate - | IIT Roorkee|

② Generative AI Certificate - | IBM |

SKILLS

Languages: DSA in Java, Java, Python, C, Numpy, Pandas, Matplotlib.

Development: SQL Databases, Machine Learning, Deep Learning, Data Structures and Algorithms, Natural Language Processing (NLP), Large Language Models (LLMs), Flask, Computer Vision, AWS Cloud, Generative AI.