KESHAV KUMAR

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OBJECTIVE

Python enthusiast, seeking to leverage analytical skills and data-driven insights to support business decisions. Passionate about learning about and transforming raw data into actionable intelligence for organizational growth.

EDUCATION

GREATER NOIDA INSTITUTE OF TECHNOLOGY (GNIOT), AKTU — **OCT 2022 - JULY 2026**
B. TECH IN COMPUTER SCIENCE & ENGINEERING (DS) - **SGPA: 8/10** — Greater Noida, India

AGRSEN INTER COLLEGE (UPMSP) — **APRIL 2021 - JULY 2022**
SCIENCE, SENIOR SECONDARY EXAMINATION (CLASS XII) - **PERCENTAGE: 70%** — Uttar Pradesh, India

MANVI VIDYAPEETH HIGH SCHOOL (UPMSP) — **APRIL 2019 - JULY 2020**
SECONDARY EXAMINATION (CLASS X) - **PERCENTAGE: 76%** — Uttar Pradesh, India

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy), C, SQL

Data Visualization: Matplotlib, Seaborn

Basic Knowledge: Data Structures and Algorithms

Database: MYSQL

Tools: VS Code, Jupyter Notebook, MS Office

Soft Skills:

Teamwork: Able to collaborate effectively in group projects and work towards a common goal.
Problem Solving: Strong analytical skills to approach and resolve complex problems.
Communication: Proficient in conveying ideas clearly in both written and verbal forms

PROJECTS

1. Social Media Analysis for Impact on Mental Health of Students:

- Built a machine learning model to analyze social media data and assess its impact on students' mental health.
- Applied Logistic Regression and Random Forest, optimized using Randomized Search CV for hyperparameter tuning.
- Performed data preprocessing, feature engineering, and visualization to extract meaningful insights.

Tools & Technologies: Python, Pandas, Scikit-learn, Matplotlib

2. Fraud Detection System for Online Payment:

- Developed a fraud detection system to identify fraudulent transactions in online payments.
- Implemented Logistic Regression and Random Forest models, achieving high precision and recall in fraud detection.
- Conducted EDA, data preprocessing, and model evaluation to ensure robustness.

Tools & Technologies: Python, Pandas, Scikit-learn, Matplotlib, Jupyter Notebook

3. Prediction of Tourist Carrying Capacity of Scenic Spots Using Neural Networks: Working on a project to predict the tourist carrying capacity for various scenic locations using neural network algorithms.

Technologies used: Python, Neural Networks, Data Science techniques.

Role: Data Collection, Analysis, and Model Development.

Outcome: Aimed at providing insights into tourism sustainability and crowd management.

Certifications

- C & C++ Programming – IIT Kanpur (E&ICT, MeitY) | Sep–Dec 2024
- C Programming – IIT Bombay (Spoken Tutorial) | Jun 2023

EXTRA – CURRICULAR ACTIVITES

Book Mark Competition (Organized by CSDC Department in 2025) – 1st Position
Best Shoot on the spot (Organized by CSDC Department in 2025) – 1st Position

VOLUNTEER EXPERIENCE

Member of AIDS Department - MANAN CLUB – 2ND YEAR