Keshav Kumar

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SUMMARY

Passionate and result-driven Data Science and AI enthusiast with strong proficiency in Python, MySQL, and Machine Learning. Solved 100+ real-world coding challenges on LeetCode using Python and SQL, demonstrating analytical thinking and efficient problem-solving. Skilled in data preprocessing, exploratory data analysis (EDA), and data visualization using Pandas, Matplotlib, and Seaborn. Experienced in building and deploying ML models using Scikit-learn and Streamlit for real-world applications. Sound understanding of supervised and unsupervised learning, feature engineering, model evaluation, and basic deep learning concepts. Eager to contribute to data-driven teams as a Data Analyst, Machine Learning Engineer, or AI Intern in a collaborative, fast-paced environment.

SKILLS

- **Languages:** Python
- **Databases:** MySQL, SQL
- **Tools:** Git, GitHub, Visual Studio, PyCharm
- **Data Visualization:** Matplotlib, Seaborn
- **Data Analysis:** Pandas, NumPy
- **Machine Learning:** Scikit-learn
- **Deep Learning:** PyTorch, TensorFlow, Keras, Neural Networks, CNN, ANN, Model Training
- **Deployment**: Streamlit Cloud, Render, or local server

EXPERIENCE

AI & Data Science Intern **Sem 2024 – May 2025 (Completed)**
Geekster | Remote

- Completed a full-time internship focused on real-world applications of Data Science, Machine Learning, and AI using Python.
- Worked on supervised and unsupervised ML algorithms using Scikit-learn and deployed models using Streamlit and Flask.
- Performed end-to-end data analysis: data cleaning, preprocessing, EDA, visualization, and model building using Pandas, NumPy, Matplotlib, and Seaborn.
- Built and deployed projects like disease prediction systems, recommendation engines, and classification models.
- Gained experience in database integration using MySQL and SQL for real-time data interaction in deployed applications.

PROJECTS

- **Medical Recommendation System (Python, Streamlit, Scikit-learn) (GitHub Link)**
  - Built an AI-based web app that predicts diseases from symptoms and suggests precautions.
  - Deployed using Streamlit with real-time input handling and model integration.
- **Flight Price Prediction (Python, Pandas, Scikit-learn)**
  - Developed regression models to predict flight ticket prices based on airline data.
  - Performed EDA, feature engineering, and visualized pricing trends.
- **AI-Powered Data Analysis Tool (Python, PandasAI, OpenAI API) (GitHub Link)**
  - Created a smart tool that generates insights and visualizations from CSV files using natural language input.
  - Integrated OpenAI's API with Streamlit for interactive data analysis.
- **Brain Tumor Detection using Deep Learning (Python, TensorFlow, CNN) (GitHub Link)**
  - Trained a CNN model to classify brain MRI images as tumor or non-tumor with high accuracy.
  - Built a Streamlit app for live image uploads and prediction visualization.

CERTIFICATIONS

- Data Analytics – Geekster
- Data Science – Geekster

ACHIEVEMENTS

- Cracked 100+ Data Structures and Algorithms problems (LeetCode)
- 5 star on Hacker Rank

EDUCATION

- **B.Tech in Computer Science and Engineering**
  (Baba Banda Singh Bahadur Engineering College) 2021 – 2025
- 12th (Science Stream) 2018 – 2020
- 10th 2017 – 2018