Leevesh Kumar

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TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, MATLAB

Machine Learning Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn, XGBoost

Libraries & Tools: NumPy, Pandas, Matplotlib, Seaborn, OpenCV, NLTK, Git, Docker, Plotly

SOFT SKILLS

Communication, Problem Solving, Time Management, Adaptability, Critical Thinking, Attention to Detail

PROJECTS

RealMe: Screen Recording and Audio Synchronization   Jan 2023 – Present
Python-based Project   *Python, OpenCV, PyAutoGUI, PyAudio, MoviePy*
- Developed a Python application to capture screen video and audio simultaneously. Implemented synchronization to merge recorded audio with video into a final output file.
- Supported multiple output formats, including AVI, MP4, and MOV. Utilized OpenCV for video capture and MoviePy for audio-video merging.
- GitHub Repository: RealMe-ScreenRecording

YouTube Video Downloader with Streamlit   Aug 2022 – Dec 2022
Web Application Project   *Python, Streamlit, yt-dlp*
- Built a YouTube video downloader with combined audio and video streams. Integrated video metadata display, including title, channel name, duration, file size, and thumbnail.
- Designed a user-friendly web interface using Streamlit for seamless interaction. Implemented automatic cleanup of temporary files post-download.
- GitHub Repository: video-grabber

StreamLIT-DEV: Data Science Dashboard for Predictive Modeling   Jan 2023 – Present
Streamlit Application Project   *Python, Streamlit, scikit-learn, Pandas, NumPy, Matplotlib, Seaborn*
- Developed a Streamlit-based application for training and evaluating regression models. Enabled dataset upload, preprocessing (missing value handling, encoding, scaling), and target variable selection.
- Implemented model selection and training with Linear Regression, Decision Tree Regressor, and Random Forest Regressor. Incorporated evaluation metrics such as Mean Squared Error (MSE) and R-squared (R^2), along with data visualization (scatter plots and feature importance).
- Allowed users to download the trained model as a .pkl file for further use.
- GitHub Repository: StreamLIT-DEV

EXPERIENCE

Team Core Member   Apr 2024 - Present · 10 mos
FREELANCING CLUB   *VIT Bhopal, MP*
- Conducted research on reinforcement learning algorithms for robotics. Implemented and evaluated deep RL models using PyTorch and RLlib.
- Presented findings at weekly research meetings.

EDUCATION

Vellore Institute of Technology, Bhopal, MP   Aug 2022 – Expected June 2026
B.Tech. in Computer Science   *CGPA: 8.12*

Delhi Public School, Risali, CG   Aug 2015 – May 2019
Class 10+2   *Grade: A*

CERTIFICATIONS

- **Generative AI** National Association of State Boards of Accountancy (NASBA) Certificate

- **Python** HackerRank Certificate