Aadiy Khan

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Education

VIT Bhopal University   Bhopal, Madhya Pradesh
BTech   Expected July 2027
    Computer Science and Engineering
    Cumulative GPA: 8.29/10

12th Standard
Lakes International School   Bhimtal, Uttarakhand
CBSE Percentage: 86.0   May 2023

10th Standard
Lakes International School   Bhimtal, Uttarakhand
CBSE Percentage: 88.0   Aug 2021

Projects

Data Analyst Agent   Apr 2025 – May 2025
- Engineered an AI-powered data analysis platform (Flask, Python) that accelerated data insight generation by 25% through intuitive natural language processing and automated visualization capabilities.
- Spearheaded development of a conversational AI agent utilizing Python and Flask, processing 30+ data requests weekly and reducing data processing time by 6 hours per request.
- Technologies: Python, Flask, Scikit-learn, Pandas, NumPy, HTML, CSS, JavaScript

Camera Classification using Linear Support Vector Classifier   Nov 2024 – Dec 2025
- Built a classification model using scikit-learn's Linear SVC to distinguish between two classes of grayscale camera images.
- Automated preprocessing and training pipeline to achieve accurate predictions on unseen images, improving model reliability and performance.
- Technologies: Python, scikit-learn, NumPy, OpenCV

Smart Lecture   Jan 2025 – Mar 2025
- Engineered an NLP-driven summarization and Q&A bot for academic lectures, featuring advanced keyword extraction and an intuitive chatbot interface.
- Significantly reduced manual content consumption time by 70% by providing summaries and instant, accurate answers.
- Technologies: Python, Flask, PostgreSQL, NumPy, and SciPy

Co-Curricular Achievements

- Translated theoretical algorithm knowledge from completing 250+ LeetCode challenges into practical application by identifying root causes of software crashes, contributing to findings to fix the three biggest causes of crashes.
- Contributed to multiple innovative AI/ML projects, including drug repurposing models, image classification, and real-time computer vision applications, demonstrating strong problem-solving skills beyond academics.
- Actively engaged in continuous learning of Java, Assembly, ARM architecture, and web technologies, showcasing adaptability and commitment to skill development.

Extra-Curricular

- A competitive sportsperson, likes to play badminton and football.
- Making machine learning models on competitive websites like Kaggle, HuggingFace.

ADDITIONAL

Technical Skills:	Machine Learning, Flask, OpenCV, HTML/CSS, JavaScript; C++, Python, SQL; Operating Systems, Computer Networks, Database Management Systems, Object-Oriented Programming
Languages:	Fluent in Hindi and English
Certifications & Training:	IBM AI Engineer, NPTEL Introduction to Machine Learning