

Kishika Sharma

AI & ML Engineering Student

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EDUCATION

- **B. Tech in Artificial Intelligence and Machine Learning** 2021-Present
Delhi Technical Campus, Greater Noida (Affiliated to GGSIPU) **CGPA: 8.96**
- **High School Diploma (Central Board of Secondary Education)** 2007-2021
Ahlcon International School, Mayur Vihar, New Delhi XIIth: 97.3% Xth: 95%

EXPERIENCE

- **Prasunet Company** Remote
Data Science Intern Jul 2024 - Present
 - Visualized the distribution of categorical and continuous variables using Power BI and MS Excel
 - Performed Data Cleaning, preprocessing and Exploratory Data Analysis tasks on large data sets.
- **Trainity** Remote
Data Analyst Intern Jul 2023 – Aug 2023
 - Prepared eight live projects like Instagram user Analytics, IMDB movie analysis, Call Volume Trends and more using tools like MS Excel and MySQL.
 - Performed Exploratory Data analysis and Data Preprocessing tasks to boost insights on large data sets with more than 50K records.

PROJECTS

- **Chat with multiple PDFs - Chatbot**
Generative AI + LangChain + Streamlit
 - Developed a **LLM** backed Streamlit based web application to **chat** with multiple PDFs.
 - Used Google **Gemini Pro**, LangChain and FAISS vector embeddings for development.
- **Identifying Dog Breeds using a pre-trained image classifier**
CNN + AlexNet + VGG + ResNet
 - Programmed an image classification model using existing frameworks to identify dog breeds and classifying uploaded images as a dog or not a dog.
 - Real-time implementation on uploaded images with three types of pre-trained models for comparison.
- **Sign language detection using LSTM**
Computer Vision + LSTM Neural Network
 - Coded a passion project in *Python Language* capable of detecting three Sign Language gestures, namely: hello, thanks and iloveyou.
 - Created the dataset myself wherein for each gesture, 30 videos were recorded and each of them were 30 frames in length.

TECHNICAL SKILLS

- **Programming Languages:** Python, MySQL, HTML, CSS
- **Frameworks and tools:** Tensorflow, LangChain, scikit-learn, Pandas, Numpy, MS Excel

CERTIFICATIONS

- **Udacity's AI Programming with Python Nanodegree** Jun 2024 - Present
Acquiring in-depth knowledge to utilise Python for AI programming with a global community of scholars.
- **IBM Data Science Professional Certificate (200+ hours)** Oct 2023 - Present
Completed six out of ten courses in the program and have gained practical knowledge about Data Science and its application with Python and MySQL.

ACHIEVEMENTS

- **Secretary, Association for Computing Machinery (ACM) Student Chapter**
One of the founding members of the chapter in our college and have conducted several offline and online events addressing large audiences of professors and students.
- **AWS AI & ML SCHOLARSHIP RECIPIENT**
One of the 1,000 recipients worldwide selected for full funding for Udacity's AI Programming with Python Nanodegree program.
- **Incoming Software Engineering Fellow at Headstarter AI**
Will be building 5 AI projects, and as my final project, will aim to get 1000 people on waitlist or 1000 accounts created or \$1000 in revenue.