DIXIT

Chandigarh, India
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EDUCATION

Chandigarh University — Chandigarh, India
Masters in Data Science; GPA: 7.41 — **August 2023 – May 2025**
Himachal Pradesh University — Shimla, India
Bachelor of Science; GPA: 7.52 — **June 2019 - August 2022**

SKILL SUMMARY

- **Skills/Languages**: Python, MySQL, Basic R Programming, Basic Linux Commands, Machine Learning, Deep Learning
- **Libraries**: Pandas, NumPy, Scikit-Learn, Matplotlib, TensorFlow, Streamlit
- **Tools**: Power BI, Excel, PowerPoint, Tableau.
- **Platforms**: Git, Github, Jupyter Notebook.
- **Soft Skills**: Leadership, Excellent Communication, Time Management, Presentation, Team Player

WORK EXPERIENCE

COGNIFYZ TECHNOLOGIES | MACHINE LEARNING INTERN | LINK — **April 2024- May 2024**

- Built an ML model to predict restaurant ratings with 85% accuracy.
- Developed a restaurant recommendation system that increased user engagement by 25% through efficient data preprocessing and implementation of content-based filtering, resulting in high-quality recommendations.
- Created a machine learning model for classifying cuisines with 90% accuracy.
- Executed a detailed geographical analysis of 10,000+ restaurants, visualising distributions and grouping by city/locality to uncover significant location-based insights, which informed strategic decisions and improved marketing effectiveness by 20%.

PROJECTS

Neural Machine Translator for Indian Languages| LINK

- Developed LLM-based translation app using Streamlit and Langchain with ChatGroq API for real-time multilingual translations.
- Integrated language model API to handle dynamic, large-scale text translation efficiently.
- Created a user-friendly interface with Streamlit for seamless text input and output in multiple languages.
- Implemented error handling and output parsing for accurate translation display.

IMDB Reviews Sentiment Analysis Using RNN| LINK

- Developed an end-to-end web app using a pre-trained RNN model for sentiment analysis.
- Implemented preprocessing: Tokenization, lowercasing, and padding sequences.
- Built and deployed a web interface with Streamlit for user input and result display.
- Technologies: Python, TensorFlow, Streamlit.
- Achieved a high accuracy of 92.74% in sentiment prediction.

Customer Churn Prediction Using ANN| LINK

- Built a Customer Churn Prediction app using Streamlit and trained an ANN model.
- Implemented data preprocessing with Scikit-learn (label encoding, one-hot encoding, scaling).
- Designed interactive UI for real-time churn prediction based on customer data inputs.
- Integrated a trained model for 88.15% accurate churn probability predictions using user inputs.

COURSES/CERTIFICATES

- **Python for Data Science (NPTEL) (Gold) | CERTIFICATE**
- **Data Mining (NPTEL) | CERTIFICATE**
- **IBM MySQL (Coursera) | CERTIFICATE**
- **IBM Data Science (Coursera) | CERTIFICATE**
- **IBM Machine Learning (Coursera) | CERTIFICATE**