Anirudh Varshney

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EDUCATION

Guru Gobind Singh Indraprastha University, Delhi **2024 to 2026**
MTech in Computer Science & Engineering

SGT University, Gurugram **2020 to 2024**
BTech in Computer Science & Engineering CGPA: 8.43

TECHNICAL SKILLS

Programming: Python, C++
AI: TensorFlow, Keras, NetworkX
Misc: Git, Bitbucket, Docker, Tableau, Google Collab, MySQL, Visual Studio Code

PROFESSIONAL EXPERIENCE

GraphNexti, Noida **March 2024 to June 2024**
Data Analyst

- Implemented multi-class image classification using a Sequential model in TensorFlow for deep learning-based image recognition.
- Learned to visualize and analyze graphical data using NetworkX and Gephi for network analysis and data insights.
- Developed interactive dashboards and data stories using Tableau for effective data visualization and analysis.
- Implemented CI/CD pipelines using Bitbucket and GitHub to streamline development and deployment processes.
- **Skills:** Python, TensorFlow, Deep Learning, Computer Vision, Data Visualization (Tableau, Gephi), CI/CD (Bitbucket, GitHub).

GraphNexti, Noida **July 2023 to September 2023**
Research Assistant

- Researched and applied machine learning classification algorithms, including Support Vector Machines (SVM), Decision Trees, and Random Forest for predictive modeling and data analysis.
- Processed and analyzed a large image dataset, implementing binary classification using TensorFlow, Keras, and OpenCV for deep learning-based image recognition.
- Performed query analysis and optimization in SQL databases to enhance performance and efficiency.
- **Skills:** Python, Machine Learning, SQL, Computer Vision, Research and Analytical Skills.

RELEVANT PROJECTS

Diabetes Prediction System **October 2023 to November 2023**

- ➢ This is a machine learning project whose objective is to predict whether a person has diabetes or not based on certain medical factors.
- ➢ This project is made by using Python Language.
- ➢ Support Vector Machine (SVM) is used as the machine learning model and it is made by using Jupyter Notebook.
- ➢ The web application for this project is made by using Spyder and is deployed on the web by using Streamlit Cloud.

Customer Segmentation **July 2021 to August 2021**

- ➢ This is a machine learning project whose objective is to divide the customer base into groups of a mall dataset.
- ➢ This project is made by using Python Language and the concept of Unsupervised Learning is used.
- ➢ K-Means Clustering is used as the machine learning model and it is made by using Jupyter Notebook.

CERTIFICATIONS AND COURSES

- ➢ Certificate of Accomplishment in Machine Learning from Samatrix.io
- ➢ Python (Basic) from HackerRank
- ➢ Crash Course on Python from Coursera