


Manish Attri

 [GitHub](#)

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Professional Summary

Proficient data scientist and backend developer skilled in Python, SQL, Tableau, MySQL, HTML, CSS, and JavaScript. Expert in data analysis, cleaning, visualization, and creating innovative web solutions.

Education

Kurukshetra University Kurukshetra

Master of computer Application (MCA)

Haryana India

2020-21

Skills

Programming Languages: Python, SQL, JavaScript

Frameworks: Pandas, NumPy, Scikit, Matplotlib, TensorFlow

Tools: Tableau, Excel, MySQL, MS Office

Platforms: VS Code, Sublime, Colab, Jupiter Notebook, Linux (Ubuntu)

Soft Skills: Team Player, People Management, Excellent Communication

Work Experience

Python Django Developer | Talent labs Pvt. Ltd Gurgaon

Jan 2023-June 2024(1.6 years)

- Implemented CRUD operations using ORM methods for efficient data manipulation.
- Implemented user authentication and authorization systems using Django's built-in features or third-party packages like Django REST Framework.
- Implemented RESTful APIs for seamless integration between frontend and backend systems.
- Optimized database queries and ensured high performance of the backend system.
- Designed comprehensive ER diagrams to model database structures, capturing entities, relationships, and attributes.
- Worked with front-end developers to integrate user-facing elements with server-side logic.

Data Scientist (Computer Vision) | DxFactor Pvt. Ltd. Ahmedabad

July 2022-Dec 2022(6 Months)

- Integrated pretrained models such as ResNet, VGG, and MobileNet for rapid development and transfer learning in computer vision projects.
 - Implemented real-time object detection and tracking systems using techniques like YOLO and DeepSort.
 - Utilized CNN to extract features from images and improve recognition accuracy for complex visual tasks
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Projects

Vehicle Detection & Tracking | ([Repo Link](#))

- Developed a personal project leveraging DeepSORT and YOLOV8 to accurately detect and track vehicles in traffic scenes.
- A custom pipeline combining YOLOV8 and DeepSORT to perform vehicle detection and tracking in real-time drone footage, facilitating traffic management tasks.

Car Detection | ([Repo Link](#))

- Developed a robust vehicle detection model using YOLOV5 and YOLOV4, achieving precise car detection in both urban and highway environments
 - Engineered a custom pipeline integrating YOLOV4 and YOLOV5 for real-time car detection
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Certificates

Python Data Science | Ducat IT Training School Noida

Aug 2021-May 2022

- Conducted comprehensive data science training sessions, covering key topics such as data analysis, machine learning, and statistical modeling