



Karan Malhotra

Personal Information

📍 Gurugram, India
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Profile

Highly motivated Computer Science graduate with a strong passion for exploring the potential of Data Science and AI. Skilled in programming, machine learning, statistical analysis, and data visualization. Actively seeking opportunities to create innovative, scalable, and sustainable data solutions that enhance growth and efficiency in various industries.

Work Experience

Junior Data Engineer Ira Commerce

📅 06/2023 – 05/2024 📍 HYDERABAD, TELANGANA, INDIA · REMOTE

Implemented Web Scraping for Market Analysis:

Developed web scraping scripts using Scrapy framework to extract product data from diverse e-commerce platforms such as Amazon, Flipkart, and international retailers like MomoShop, Walmart, Coupang, and Naver. Processed and integrated this data into structured formats for analysis and reporting.

Utilized Data Lakes for Scalable Data Storage:

Leveraged data lake architecture to store and manage large volumes of structured and unstructured data efficiently. Implemented regular backups and ensured data integrity and availability, critical for generating actionable insights and maintaining data reliability.

Automated Data Pipeline Management:

Utilized Apache Spark and Python to optimize data pipelines for ingestion, processing, and transformation of diverse datasets from multiple sources. Automated the organization's data reporting, previously a full-day manual process with Python, enhancing data visualization and implementing tailored improvements to meet evolving business needs.

Data Science Trainee AlmaBetter

📅 10/2022 – 07/2023 📍 BENGALURU, KARNATAKA, INDIA · REMOTE

Explored the realms of supervised and unsupervised machine learning, I worked on several real-world projects that includes price prediction, regression, clustering, visual sentiment detection and a captivating project on generative adversarial networks (GANs). Through GAN's generated realistic and novel synthetic images, pushing the boundaries of creativity and data augmentation in the field of computer vision.

Education

Computer Science | Bachelors of Computer Science and Engineering ICFAI Foundation for Higher Education, Hyderabad

📅 01/2017 – 04/2021

I graduated from ICFAI with a Bachelor's degree in Computer Science and Engineering, where I excelled in key subjects like C++, Maths, and DSA. Alongside my academic achievements, I actively participated in the Yantriki Club, gaining valuable leadership and teamwork experience through robotics competitions and connecting with peers who shared my interests.