Anubhab Sharma

Artificial Intelligence | Machine Learning | Data Analysis

+917011379839   anubhabsharma01053@gmail.com   https://www.linkedin.com/in/anubhab-sharma-259355260

Ghaziabad, Uttar Pradesh, 201014

SUMMARY

Data analyst with a passion for AI and ML-driven solutions. Experienced in predictive modeling and optimizing operations in the energy and cement sectors. Skilled in extracting insights to enhance decision-making and drive business performance.

EXPERIENCE

Intern
Indian Oil Corporation Limited
Noida, UP
06/2024 - 08/2024

- Designed and implemented a predictive model leveraging real-time crude oil prices and simulated market factors to forecast petroleum fares
- Applied Monte Carlo simulations to assess price volatility and generate actionable buy/sell signals, optimizing decision-making strategies
- Created an interactive dashboard using Streamlit, enhancing data visualization and accessibility of predictions for stakeholders

Intern
Shree Cement Limited
Remote
07/2023 - 08/2023

- Researched AI-driven predictive maintenance strategies to reduce downtime, optimize energy consumption, and enhance quality control, contributing to operational efficiency and cost reduction. Analyzed machine learning applications in industrial automation, exploring predictive modeling, computer vision, and data analytics to support data-driven decision-making.

Intern
NEC
Noida, India
01/2025 - Present

- Currently working on LLM models, deep learning, and machine learning during my internship. My work involves, Fine-tuning and optimizing large language models (LLMs) for specific tasks. Preprocessing and augmenting datasets to improve model accuracy and efficiency. Experimenting with different transformer architectures like GPT, BERT, and their variations.Deploying and scaling models for real-world applications. This internship is giving me hands-on experience in advanced AI techniques and practical applications of large-scale machine learning models.

EDUCATION

B.Tech in CSE (Artificial Intelligence and Machine Learning) - 7.38 CGPA
Manipal Institute of Technology, Manipal
Manipal, Karnataka
07/2021 - 07/2025

12th - 9.8 GPA & 10th - 9.6 GPA
Delhi Public School, Indirapuram
Ghaziabad, Uttar Pradesh
03/2020 - 03/2021

SKILLS

Data Structures, Artificial Intelligence, Data Visualization, Deep Learning, Machine Learning, Python, C Programming, SQL, Statistical Analysis, Streamlit, DBMS, Data Analysis, MS Excel, Power BI

PROJECTS

Petroleum Fare Prediction

- Engineered a predictive model using real-time crude oil prices and various market factors, such as refining costs, taxes, and transportation expenses, to forecast petroleum prices
- Key Technical Skills: Python, Machine Learning, Time-Series Analysis, Monte Carlo Simulations, Data Analysis & EDA, Streamlit

NYC Yellow Taxi Data
Predictive Insights into Urban Mobility

- Developed a machine learning model for fare price forecasting using NYC Yellow Taxi data, focusing on scalability and performance optimization
- Conducted in-depth analysis, designed algorithms to improve forecast accuracy, and presented findings in a structured, data-driven format adhering to industry standards
- Key Technical Skills: Python, Exploratory Data Analysis (EDA), Feature Engineering, Machine Learning, Data Visualization

VOLUNTEERING

Head of Artificial Intelligence & Development
IE Mechatronics Students' Chapter, Manipal
2023 - 2024

Spearheaded the Artificial Intelligence & Development division, overseeing 40+ student members.
Facilitated technical workshops on Python programming and machine learning concepts.

KEY ACHIEVEMENTS

Winner - Cisco Forecast League

Demonstrated leadership and technical expertise by devising innovative forecasting solutions. Analysed real-world data to improve demand forecasting accuracy, algorithm design, and collaborative problem-solving.

TRAINING / COURSES

Introduction to Artificial Intelligence - Infosys Springboard

Introduction to Natural Language Processing - Infosys Springboard

Introduction to Project Management - Coursera Project Network

Introduction to Deep Learning - Infosys Springboard