

Priyanshu Sharma

Final Year Undergraduate Student

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EXPERIENCE

ERNST & YOUNG

Data Science Intern | Delhi | June 2023 – July 2023

Project: Supply and Implementation of a Software for Crude Scheduler for Indian Oil Corp. Ltd.

- Coordinated with a team to develop software for optimizing crude shipping operations, vessel scheduling, and tonnage systems, leading to potential cost savings of 5-6 % for clients.
- Gain practical experience in utilizing different optimization algorithms for vessel scheduling, such as the PuLP Model and Genetic Algorithm, leading to enhanced efficiency and accuracy in the scheduling process.
- Conducted trigger testing using SQL to ensure the correctness and robustness of the underlying database logic.
- Applied business and consulting skills to the project, gaining insights into the interaction between technology and real-world operations.

EDUCATION

Institute of Technology, Nirma University | Ahmedabad, Gujarat

Oct 2020 – May 2024

Bachelor of Technology in Electrical Engineering (BTech)

Indian Institute of Technology Madras

Jan 2022 – Expected 2024

Bachelor of Science in Data Science and Applications (BSc)

Allen Career Institute, Kota | JEE

April 2019 - May 2020

Himalayan Intl. School, Patna | CBSE XII

April 2017 - March 2019

PROJECTS

Wind Turbine Energy Prediction Model

- Developed a supervised ML model based on historical SCADA data to predict wind turbine energy generation.
- Built and deployed a web application on an AWS cloud server, allowing users to input relevant parameters and obtain accurate energy generation forecasts.
- Technology used: Python and its libraries using NumPy, Pandas, Seaborn, SKLearn, Linear Regression, Random Forest Regressor and XG Boost, Flask, HTML, and AWS. [[Code](#)]

Movies Recommendation System

- Created a website using Streamlit, which recommends 5 similar movies to the user based on their choice.
- Pre-processed the dataset by converting movie details into proper tags using techniques such as stemming and vectorization.
- Technology used: Python and its libraries using NumPy, Pandas, SKLearn, NLP, and Streamlit. [[Code](#)]

SKILLS & TOOLS

- **DATA SCIENCE:** Machine Learning | Deep Learning | Data Analysis | Statistics | Web Scrapping | AWS Cloud | NLP
- **PROGRAMMING:** Python | C++ | Data Structure | Algorithms | Object Oriented Programming | SQL | DBMS
- **TOOLS:** VS Code | SKLearn | TensorFlow | Jupyter | NumPy | Pandas | Matplotlib | PostgreSQL | DBeaver | MS Excel | MS PowerPoint | GitHub

CERTIFICATIONS

BCG Gamma Data Science Virtual Experience Program on Forage || The Complete Data Science by Udemy || SQL (Intermediate) by HackerRank || Pandas by Kaggle

SUMMARY

Seeking an entry-level position in the dynamic realm of Technology, with a focus on Data Science and Analytics. Proficient in data handling, visualization, and employing statistical techniques. Skilled in algorithmic problem-solving, poised to contribute to innovative, data-driven projects. Eager to leverage AI skills to drive profitable business transformations.