

AMAN BHATT

SUMMARY

Data enthusiast and aspiring data scientist with a background in civil engineering. Currently working as a machine learning engineer, applying advanced algorithms and techniques to solve complex problems. Passionate about leveraging data-driven insights to address real-world challenges. Continuously learning and seeking opportunities to further enhance my skills in data science.

EXPERIENCE

Climate Connect Digital, Machine Learning Engineer

Aug 2022 - Present

Price forecasting for different markets of IEX (the major power exchange of India), Predicting Imbalance Prices; SSP (System sell price) & SBP (system buy price) for UK electricity market

Climate Connect Digital, Data Scientist Trainee

June 2022 - Aug 2022

Gained hands-on experience in data science and machine learning through an intensive internship program

S & B Engineers & Constructors, Noida — Engineer

Aug 2019 - Sep 2020

Design foundation for different equipment and structures that are usually present in oil refineries using softwares like AutoCAD, StaadPro, RISA Base, Foundation 3D, RAM Connection etc.

Lucknow Metro Rail Corporation, Lucknow — Internship

June 2017 - July 2017

Studied different sections of metro: Underground, Elevated, Switch Over Ramps and worked on site.

AWARDS & ACHIEVEMENTS

Cognizance'17-IIT Roorkee: 1st prize in paper presentation on 'Use of fly ash as a building material'.

Utkraanti'18-IIT Delhi: 1st prize in StaadPro competition.

'Elite' certificate for course on 'Problem Solving in C'.

Scored 97.84 percentile in CAT'20

CONTACT

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HackerRank: https://www.hackerrank.com/ab_977

PROJECTS

RetailMax

- Developing ML models to forecast price balancing in the UK market. Working on achieving accurate predictions for a 90-day horizon, enabling proactive decision-making for energy market participants.

IEX Price Forecasting

- Forecasted electricity prices for the day-ahead and real time market of IEX and developed a streamlit web application for visualization..

Movie Recommendation System

- Developed a streamlit web application for a content based movie recommender system using cosine similarity based on TMDB datasets of more than 5000 movies.

TECHNICAL STACK

Data Science/Machine Learning/Deep Learning

Python, SQL, Statistics, Data Visualization, Feature Selection techniques, Machine Learning algorithms, ANN, CNN, RNN, LSTM, GRU

Python packages and Frameworks

Numpy, Pandas, Matplotlib, Plotly, Scipy, Scikit-learn, Tensorflow, Keras, Pyspark, Streamlit

Analytics and Big Data Tools

Advanced Excel, PowerBI, Tableau, Apache Spark, Hadoop