

# Shakil Ansari

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## About

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Entry-level data science practitioner with a background in Mechatronics and Life Sciences. Built end-to-end ML projects in NLP, time series, and deep learning using Python and SQL.

## Projects

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### Movie Recommendation (IMDB)

- Built a collaborative filtering system for personalized suggestions.

### Lyrics Generator (RNN-LSTM)

- Built a model for generating song lyrics using character-level LSTM sequence modelling.

### Fake News Detection (GloVe + LSTM)

- Classified headlines using word embeddings and deep learning.

### Stock Forecasting (ARIMA/SARIMA):

- Predicted stock trends using time series models with seasonal analysis.

### ML Portfolio(Supervised/Unsupervised)

- Implemented classification, regression, and clustering algorithms.

### Customer Segmentation (K-Means)

- Clustered users by transaction patterns and account balance.

## Experience

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**Educator**, Vidhyanjali Rising Point, Delhi

June 2019 – Present

- Developed structured learning modules aligned with CBSE to enhance analytical thinking and performance.

**Engineer Intern**, Northern Indian Railways, Delhi

1 Aug 2022 – 31 Aug 2022

- Observed manufacturing processes and mechanical systems; built a working Axle Box Temperature Sensor prototype during railway internship.

**Research Trainee**, Abyom SpaceTech and defense Pvt. Ltd.

12 June 2022 – 12 Aug 2022

- Performed collection and analysis of research papers and Planetary data on the topic of research

## Education

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**Guru Gobind Singh Indraprastha University**, B-Tech [Mechatronics Engineering]

Oct 2020 – June 2024

- GPA: 8.0/10.0

**Indira Gandhi National Open University**, B.Sc - Life Sciences [Botany]

July 2018 – Sept 2021

- GPA: 6.0/10.0

## Certifications

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**Diploma in Data Science – Boston Institute of Analytics (BIA), 2025**

**IBM Data Science Professional Certificate (Coursera, 2025)**

## Technologies

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**Programming Languages:** Python, R, JavaScript, SQL, HTML, CSS

**Technologies:** Jupyter Notebook, MySQL, GitHub, Power BI, Tableau, Excel(Advanced), Kaggle

**Data Science:** Machine Learning, Deep Learning, NLP, Statistical Analysis, Python(scikit-learn, numpy, pandas, matplotlib, PyTorch etc.), DSA