# Amaan Siddiqui

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Portfolio Website : https://amaanbkn.github.io/AmaanPortfolioWebsite.github.io/

## SUMMARY

Greetings! I Amaan, a **data enthusiast** building foundational skills in data science and analytics, with hands-on project experience in **Machine Learning** and **Deep Learning**. I'm excited about leveraging data to unlock insights and drive decision-making. Known for my **strong communication abilities**, I aim to bridge technical analysis with clear, impactful storytelling.

## EXPERIENCE

**Freelance Data Scientist | Self-Employed | Bengaluru, India | May 2023 – Present**

- Designed and implemented Machine Learning models for various clients to get business insights.
- Conducted end-to-end data analysis, from data cleaning and preprocessing to visualization and insight generation, using Python (Pandas, Matplotlib,Seaborn).

## PERSONAL PROJECTS

**Stocks Prediction** : https://github.com/amaanbkn/Stocks-Price-Prediction
Developed a time-series forecasting model using an LSTM neural network that achieved **94% accuracy**
in predicting future closing prices for MSFT.
**Skills :** Python, PyTorch , Pandas , NumPy , Scikit-learn , Matplotlib , yfinance

**Crop Classification Project:** https://github.com/amaanbkn/Crop-Classification-Project
Engineered a Convolutional Neural Network (CNN) in PyTorch to classify crop images, achieving a
**92% validation accuracy** across **10 distinct crop categories.**
**Skills:** Image Classification , Pandas , PyTorch

**Data-Pulse App** : https://github.com/amaanbkn/Data-Pulse-app
Integrated **5+ data science modules**, allowing non-technical users to upload a CSV and instantly
perform  forecasting (Prophet), correlation analysis, and Market Basket Analysis.
**Skills :** Pandas, NumPy   , Scikit-learn , Prophet , Seaborn , Linear Regression

## TECHNICAL  SKILLS  AND  INTERESTS

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|---|---|
| **Languages**: | Python , SQL ,HTML , CSS |
| **Frameworks and Tools**: | Pandas , XGBoost , Scikit-learn , PyTorch , Prophet, Streamlit , GitHub |
| **Areas of Interest**: | Data Engineering , Business Intelligence , MLOps |

## EDUCATION

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| **Don Bosco Institute of Technology , Bengaluru , Karnataka , India** | **September 2023 - August 2027** |
| Branch-CSE \| Average CGPA: 8.25 | |
| **Bikaner Boys School , Bikaner , Rajasthan, India** | **February 2011 - July 2023** |
| CBSE(Class XII),  Aggregate: 79% | |

## POSITIONS OF RESPONSIBILITY

**Student Coordinator** – 'Vismay' College Fest (2023) : Led a team of students in organizing and executing the annual college fest, ensuring smooth coordination and successful event delivery.
**Participant** – VTU Fest (Extempore Competition) : Participated in the 2024 extempore speaking event, showcasing quick-thinking and effective communication skills.