

AADARSH CHAUDHARY

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Portfolio | github.com/AdrshChaudhary/ | linkedin.com/in/aadarshchaudhary

SUMMARY

Dynamic and detail-oriented Python Developer with expertise in **Machine Learning, Artificial Intelligence, Data Analysis, and Web Development**. Adept at leveraging libraries such as **Django, Flask, Pandas, NumPy, Scikit-learn, TensorFlow, and Keras** to deliver innovative solutions. Proficient in **data visualization** and **database management**, offering actionable insights through tools like **PowerBI** and **PostgreSQL**. Committed to bridging technological gaps with efficient, real-world problem-solving strategies.

EDUCATION

Bharati Vidyapeeth's College of Engineering

New Delhi, India

B.Tech in ECE (Minor in CSE) – CGPA: 7.8 (till 5th sem)

2022 – 2026

G.L.T Saraswati Bal Mandir Sr. Sec. School

New Delhi, India

Higher Secondary Education – Score: 84%

2019-2021

SKILLS

- Programming Languages:** Python (Pandas, NumPy, scikit-learn), C, C++, PostgreSQL, HTML, CSS
- Frameworks & Libraries:** Django, Flask, TensorFlow, Keras, Matplotlib, Seaborn
- Techniques:** Data Structures, Algorithms, Predictive Modeling, Neural Networks, Deep Learning, Hypothesis Testing
- Tools:** Git, GitHub, Docker, Power BI, Google Colab, VSCode, Excel, Project Management Tools

PROFESSIONAL EXPERIENCE

SMARRTIF AI(Hybrid)

New Delhi, India

Educational Content Creator Intern

December 2024-Present

- Designed and developed educational modules for students transitioning from non-technical backgrounds to roles in **Artificial Intelligence (AI), Machine Learning (ML), Data Analysis (DA), and Business Analysis (BA)**.
- Conducted **employee training sessions**, fostering skill development and professional growth.

SKXYWTF(Remote)

Phoenix, Arizona

AI Engineer Intern

June 2024-September 2024

- Developed and implemented **machine learning algorithms** for trading, achieving a **20% profit optimization** and an **8% risk reduction**.
- Validated algorithms and established robust testing protocols, ensuring a **95% reproducibility rate** in live trading scenarios.

PROJECTS

Sentimental Trading [Live Github](#)

- Developed an **algorithmic trading system** leveraging **sentiment analysis** from Telegram and Reddit to enhance trading strategies for stocks and crypto.
- Features:** Real-time sentiment extraction, trading news extraction, performance visualization.
- Tech Stack:** Python, Streamlit, NLP, Telegram API, Reddit API, Ta-lib, Pandas, Matplotlib.

Stock Market Prediction [Live Github](#)

- Designed a **web application** for **automated stock trading** with backtesting capabilities, providing a robust framework for **algorithmic trading** and stock price forecasting.
- Integrated Alpaca API for **real-time trading decisions** based on predictive analytics.
- Tech Stack:** Python, VectorBt, Docker, Pandas, Flask, Nelfify

VOLUNTEERING EXPERIENCE

~ATHENA(Design Head)

BVCOE, New Delhi

~BVPCSI(Video Editing Head)

BVCOE, New Delhi

~ENACTUS(Video Editing Executive)

BVCOE, New Delhi

EXTRA-CURRICULAR

- Qualified **GATE – 2025** in Data Science and Artificial Intelligence
- Top contender in **SIH – 2025**
- Ranked 67 among 3,297 team in International Expansion Strategy organised by **IIM Ahmedabad**
- Semi Finalist in ATOMQUEST organised by **ATOMBERG**
- Ranked under 1000 among 45,000 teams in NEST organised by **NOVARTIS**
- Ranked under 20 among 300 teams in **BVEST**

CERTIFICATIONS

- Advanced Google Analytics
- Python
- Advanced Excel
- Data Visualization