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 **Power BI** 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, Netlify

VOLUNTEERING EXPERIENCE

ATHENA　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*BVCOE, New Delhi*
Design Head　　　　　　　　　　　　　　　　　　　　　　　　　　　*August 2024-Present*

- Spearheaded the creative team to design visual assets for events and competitions.
- Conducted workshops on design principles, mentoring junior designers.

BVPCSI　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*BVCOE, New Delhi*
Video Editing Head　　　　　　　　　　　　　　　　　　　　　　　　*August 2024-Present*

- Managed video production teams to create promotional and educational content.
- Trained members in advanced video editing and supervised post-production processes.

CERTIFICATIONS

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