ARMAAN SIDDIQUI

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OBJECTIVE

Aspiring data scientist eager to apply machine learning for solving real-world problems. Seeking to enhance skills and contribute to impactful data-driven projects through statistical modeling, deep learning, and cloud-based deployment.

EDUCATION

MIT Moradabad (AKTU) – B.Tech in Computer Science *(2022-2026)*   **Percentage (till 6th semester): 74.06**
P.M.S. Public School (CBSE) – Class 10: 79.4%, Class 12: 82.8%

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, C++
Data Science & Analytics: NumPy, Pandas, Power BI, Excel, Matplotlib, Seaborn
Machine Learning: Supervised & Unsupervised Learning, scikit-learn, Flask, Keras, Deep Learning (CNN, ANN)
Cloud & DevOps: AWS (EC2, Elastic IP, Lambda), Google Cloud Console
Tools: Jupyter Notebook, Git, VS Code, Postman
Concepts: Data Science, Feature Engineering, Model Evaluation, RESTful APIs, Statistical Modeling

Scan for Portfolio

EXPERIENCE

Softpro India Computer Technologies Pvt. Ltd.   Jul 2025 – Aug 2025
Summer Internship (Python with Data Science)   *Lucknow, India*
- Completed a 45-day intensive summer internship program focused on Python programming and Data Science methodologies.
- Gained practical experience in data analysis, statistical modeling, and machine learning concepts.
- Achieved an 'A+' grade for technical proficiency and project performance.

PROJECTS

Retail360 — Excel, Power BI, Python (Clustering & Forecasting), SQL   ONGOING
- Architecting an end-to-end BI solution to integrate Excel for initial auditing and Python for advanced ETL pipelines.
- Developing customer segmentation models using K-Means and sales forecasting modules via SARIMA.
- Designing an interactive Power BI dashboard with complex DAX measures to visualize future churn risks and trends.

DistrictSelector — Predictive Analytics, Classification   ONGOING
- Developing a classification system to identify suitable districts for crops based on regional agro-climatic profiles.
- Enabling evidence-based planning through predictive analytics and region-specific model outputs.

Crop Wizard — MERN Stack, Flask, Ensemble Learning, Vercel   Nov 2025
- Built a robust MERN stack application integrated with a Python Flask ML service for real-time crop predictions.
- Engineered an ensemble classifier (RF, XGBoost, SVM) achieving 96% accuracy based on soil and climatic metrics.
- Deployed the responsive React frontend on Vercel to ensure seamless user interaction and accessibility.

GraphXpert — Flask, Matplotlib, Scikit-learn   Jan 2025
- Created a Flask-based ML application for CSV-based trend prediction and visualization.
- Trained models using Scikit-learn; visualized outputs with Matplotlib and interactive UI.
- Enabled file uploads, dynamic graphs, and downloadable results through a clean web interface.

HeartDiseasePredictor — Scikit-learn, Flask, HTML/CSS, ANN   Dec 2024
- Developed an ML-powered web app for heart disease prediction using clinical features and Scikit-learn.
- Applied feature scaling, selection, SMOTE, and trained ANN; achieved 86% accuracy.
- Built a responsive frontend (HTML/CSS/JavaScript) integrated with Flask for real-time predictions.

RADMIC — CNN, Deep Learning, Keras, Micro-Doppler Signatures   Sep 2024
- Built a CNN-based deep learning model to distinguish drones from birds using radar spectrograms.
- Processed grayscale and RGB micro-Doppler data via custom Keras generators and dual-stream ingestion.
- Achieved over 94% validation accuracy; saved and optimized model in HDF5 for real-time inference.

ACHIEVEMENTS

- Qualified **GATE 2025 – AIR 4358** in Data Science & AI.
- Solved **400+ coding challenges** on LeetCode.
- Won Zonal-level Turbo AI Challenge at AKTU LMT Fest.
- Represented college at state-level Turbo AI Challenge.
- Student Coordinator & Mentor – MIT Tech Club.
- NPTEL Believer (2024) & Motivated Learner (2025) & Enthusiast (2025).

CERTIFICATIONS

- Data Science for Engineers (NPTEL)
- Python for Data Science (NPTEL)
- DSA with Python (NPTEL)
- PCAP – Python Certified Associate (OpenEDG)
- Introduction to IoT & IIoT 4.0 (NPTEL)
- Web Designing (Technoledge Eduresearch)
- Cyber Security (Cisco)
- Developing & Enhancing Soft Skills (NPTEL)