

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)
P.M.S. Public School (CBSE) – Class 10: 79.4%, Class 12: 82.8%

YGPA: 7.22

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, Java, 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



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EXPERIENCE

Softpro India Computer Technologies Pvt. Ltd.
Summer Internship (Python with Data Science)
– 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.

Jul 2025 – Aug 2025
Lucknow, India

PROJECTS

Retail360 — Excel, Power BI, Python (Clustering & Forecasting), SQL
– 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
– 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
– 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
– 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
– 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
– 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)