Armaan Siddiqui

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OBJECTIVE

Aspiring data scientist and full-stack developer eager to apply machine learning and modern web technologies to solve real-world problems. Seeking to contribute to impactful projects through statistical modeling, deep learning, and robust MERN stack development.

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 (ES6+), C++, C.
Full Stack: React.js, Node.js, Express, Tailwind CSS, HTML5/CSS3, Bootstrap.
Data Science & ML: NumPy, Pandas, Scikit-learn, Keras, Deep Learning (CNN, ANN), Power BI.
Cloud & DevOps: AWS (EC2, Elastic IP, Lambda), Google Cloud Console, Vercel.
Databases: MongoDB, MySQL, Microsoft SQL Server, Firebase.
Tools & APIs: Git, VS Code, Postman, Google Maps API, Judge0 API.

Portfolio

EXPERIENCE

Freelance Web Developer – Delivered scalable full-stack solutions to optimize client operations.   *2025–Present*

SDE Intern – GoZoom Technologies   *2025-Present*
– Utilizing cloud platforms, version control, and modern frameworks to create full-stack web and mobile applications.
– Leveraged MongoDB aggregation and pagination to optimize data retrieval, while migrating complex client-side logic to the backend to achieve an 10-20x improvement in system performance.

Live Projects (Links)   *2025-Present*
– **Rotary Club Sanskriti** – Built a dynamic portal with a custom admin panel and automated email workflows.
– **House of Specials** – Established a robust digital presence for a niche business by deploying a high-performance site on AWS EC2, featuring automated inquiry handling to capture client leads.
– **Jyotidham Toronto** – Developed a content management solution enabling non-technical administrators to publish real-time updates, integrated with Maps API to enhance visitor accessibility.
– **Adarsh Dham** – Deployed an AWS-hosted solution with real-time facility tree-views to optimize lodging operations, enabling seamless customer communication via integrated web push notifications.
– **Shashwat Enterprises** – Architected a custom e-commerce platform that expanded digital reach and streamlined operations by digitizing employee management and scheduling.

Summer Intern – Softpro India   *Jul 2025 – Aug 2025*
– Completed a 45-day intensive summer internship 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

CODE++ — MERN, Tailwind CSS, ShadcnUI, Judge0 API   **ONGOING**
– Created a DSA programming platform with the Judge0 API for safe & multilingual code execution.
– Created real-time social mechanics, such as a dynamic Friend/Rival system, live chat, and 1v1 coding competitions.
– Created global leaderboards and customized analytics dashboards to show user performance and development.

EZ-Shop-n-Ship — React.js, Tailwind CSS, Framer Motion, Context API   **Sep 2025**
– Context API and localStorage were used to create a responsive, pixel-perfect frontend with a global 5-theme switcher.
– Products were retrieved and filtered from a fictitious JSON API to simulate backend data flow.
– Developed a thorough, static admin dashboard UI with tables and charts for managing users, products, and orders.

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.

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).
- Cyber Security (Cisco).
- Developing & Enhancing Soft Skills (NPTEL).
- Emotional Intelligence (NPTEL).