

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)

YGPA: 7.22

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

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript (ES6+), Java, 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).