

CONTACT

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Portfolio: mymadhavyadav07.github.io

SUMMARY

A highly motivated and detail-oriented AI/ML Developer with a solid foundation in developing AI-based solutions and expertise in software development. Proficient in Python and frameworks such as Django, with hands-on experience in building scalable applications and automating processes. Skilled in automating data extraction and processing workflows to derive actionable insights from large datasets. Possesses a commitment to continuous learning and staying updated with emerging technologies in AI and software development.

EDUCATION

Dr. APJ Abdul Kalam Technical University, Lucknow | 2023–Present

Bachelor of Technology in Computer Science Engineering

- Focused on Data Structures, Algorithms, Database Management Systems, Object-Oriented Programming (OOP), and Software Engineering.
- Actively engaged in AI/ML courses, building foundational knowledge in machine learning models and algorithms.

Army Public School | 2021–2023

Higher Secondary School

- CGPA: 8.21
- Focused on core subjects like Mathematics, Physics, and Computer Science.
- Developed analytical and problem-solving skills through coursework and practical projects.

Army Public School | 2011–2021

Secondary School

- CGPA: 9.26
- Gained foundational knowledge in Physics, Chemistry and Mathematics

PROJECTS

Steganographic Encoder/Decoder

This Django-based web application allows users to hide and retrieve secret messages within images, providing a practical introduction to the concept of steganography.

- Encode hidden messages into images.
- Decode secret messages from images.
- User-friendly web interface built with Django.

Flight Tracker

Flight Tracker is a Python-based application that allows users to track flights in real-time, offering up-to-date flight statuses, locations, and detailed information.

- **Real-Time Flight Tracking:** Get live updates on flight statuses using flight data APIs.
- **Detailed Flight Information:** View departure/arrival times, aircraft type, and more.
- **Simple Setup:** Easy installation and configuration for seamless use.

Remote Administration Tool

This tool allows you to manage your laptop remotely on your fingertips using Telegram Bot API. Some of its features are listed below:

- **Webcam Capture:** Take pictures using your laptop’s webcam.
- **Shell Command Execution:** Execute terminal commands on your laptop.
- **Screenshot Capture:** Capture screenshots on demand.

NetaSoochak

NetaSoochak is a platform designed to provide voters with comprehensive information about election candidates in India.

- **In-depth Candidate Profiles:** Information on education, criminal history, and declared assets.
- **User-Friendly Interface:** Smooth navigation for easy access to important data.
- **Map Visualization:** Interactive maps to help users visualize and analyze election data more effectively.

SKILLS

As a passionate AI/ML developer, I have developed a strong foundation in artificial intelligence and software development practices. Below are the technical skills I have cultivated to contribute effectively to cutting-edge projects:

- Python
 - Django
 - Git
 - Linux
 - Github CI/CD
 - SQL
 - OpenCV (Computer Vision & Object Detection)
 - Speech Recognition & Audio Processing
- Selenium (Web Automation)
 - BeautifulSoup (Web Scraping)
 - NLP (Natural Language Processing)
 - Pandas
 - Numpy
 - Cybersecurity-Driven Development
 - HTML, CSS, JS
 - Web Design

PROFILES

Github

[@mymadhavyadav07](#)

Linkedin

[@mymadhavyadav07](#)

Hackerrank

[@mymadhavyadav07](#)

CERTIFICATES

Python (Basic) Certificate
Hackerrank

CONFERENCES

SANS Speaker | 2025
SANS Institute