Samarth Khandelwal

samarthkhandelwal880@gmail.com | 9773959744

Linkedin- http://www.linkedin.com/in/samarth-khandelwal-bba65228a

Github- https://github.com/samarth96k

Pre Final year Computer Science Engineering student at VIT Bhopal with proficiency in Machine Learning, Web Development, Databases and organizing tech events. Passionate about problem-solving and coding.

❖ SKILLS
  ➢ **Programming Languages** : Python, C++, JavaScript, Java
  ➢ **Machine Learning:** Experience in developing Machine Learning projects using YOLOv5, OpenCV, Transformers.
  ➢ **Web Development:** HTML, CSS, JavaScript, Node.js, Tailwind CSS, Full Stack.
  ➢ **Database:** Oracle SQL, MySQL.
  ➢ **Other:** Git, OpenCV, Postman, Python APIs, VS Code IDE, IntelliJ Idea
  ➢ **Core Subjects:** *Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networking, OOPs.*
  ➢ ***Communication & Public Speaking:** Proven ability to articulate ideas effectively, demonstrated by winning top positions in Zonal and Inter-Zonal Debate & Declamation competitions.*

❖ EDUCATION
  ➢ **Bachelor of Technology (B.Tech)** in Computer Science Engineering | VIT Bhopal University | **CGPA:9.39/10**
    [Currently in Second Year, Expected Graduation: 2027]
  ➢ **Senior Secondary School Examination** (Grade 12) | Adarsh World School, New Delhi(C.B.S.E.) | **Percentage:93%**
  ➢ **Secondary School Examination** (Grade 10) | Adarsh World School, New Delhi (C.B.S.E.) | **Percentage:97.4%**

❖ PROJECTS & EXPERIENCE
  ➢ **Driver Drowsiness Detection Project:** Developed a drowsiness detection system using **ResNet-18**, **OpenCV**, and **PyTorch**.
  ➢ **Indian States Puzzle:** An interactive map based quiz which allows users to guess and locate states on Indian Map - **Python, Turtle, and Pandas.**
  ➢ **ADHD and Mental Stress Monitoring Chrome Extension -** Machine Learning And Chrome APIs (In Progress).
  ➢ Part of the organising committee for various tech events, exhibitions and Annual Function.(2017-2023).

- ➢ **Attendance Monitoring in Large Lecture Halls** using Machine Learning : In Progress
- ❖ ACHIEVEMENTS & CERTIFICATIONS
    - ➢ Completed 51 days of Coding Challenge (DSA) (Posted on Linkedin).
    - ➢ Cleared Smart India Hackathon'24 round 1 and 2.
    - ➢ Participated in the Health Hackathon organized by VIT Bhopal University and Johns Hopkins University, demonstrating strong teamwork, problem-solving skills, and innovation in a competitive setting.
    - ➢ Developed a complex SQL database project for a university assignment.
    - ➢ Certifications:
        - ▪ Bits and Bytes of Computer Networking (Google)
        - ▪ Data Science using Python (IAMNEO)
        - ▪ Introduction to Machine Learning and Artificial Intelligence (Vityarthi)
        - ▪ Introduction to Problem Solving (Vityarthi)
        - ▪ Gen AI using Watsonx (IBM)
        - ▪ Introduction to Machine Learning (NPTEL)