

PIYUSH GUPTA

CONTACT DETAILS

@ piyushji16@gmail.com
☎ +91-6207931550
📄 linkedin: guptapiyush16
🐙 leetcode: Piyushg16
🐙 github: piyusho9
✉ Patiala, India

SKILLS

- Python
- C and C++
- SQL and DBMS
- Android
- Flutter
- HTML, CSS, and JavaScript
- PyTorch
- Streamlit
- Git
- Scripting
- Communication
- Team collaboration
- Object Oriented Programming
- Data Structures and Algorithm

HOBBIES

- *Music*: playing guitar, composing and decomposing.
- *Photography*: capturing surreal landscapes and scenery.
- *Fitness*: gyming and calisthenics.

CERTIFICATIONS

- Accelerating End-to-End Data Science Workflows: *NVIDIA* - 2025
- Elements of AI: *University of Helsinki* - 2022
- Photography Contest: *NCERT and MyGov* - 2021
- Getting Started with Python: *University of Michigan* - 2020
- Guitar Expert: *Yousician* - 2020

EXPERIENCES

GLOBAL VOLUNTEER at *AIESEC* JUNE 2024 - JULY 2024
◊ Volunteered for 2 months at Pagoda (Temple), collaborating with people from diverse cultures and backgrounds from around the world.
◊ Contributed towards upscaling the literacy of the community in Vietnam.
◊ Taught English to 20 monks, fostering an intercultural environment and promoting language exchange.

PROJECTS

REVIEW ANALYSIS USING MACHINE LEARNING (ML) 2024
◊ Trained a machine learning model for review sentiment analysis with an accuracy of 86-88%.
◊ Utilized data preprocessing and feature extraction techniques to optimize the performance of the model by 16%.

MESS MANAGEMENT PORTAL (Flutter) 2024
◊ Created a system to reduce food wastage by allowing students to register meal preferences a day before in advance.
◊ Implemented tools for real-time waste tracking to optimize resource usage by 18%.

WASTE MANAGEMENT SYSTEM (DBMS) 2024
◊ Designed and implemented a comprehensive system to efficiently manage waste data by digitizing all records and processes, significantly streamlining operations and reducing paperwork by 75%.
◊ Increasing efficiency by 75% by easy data retrieval and updation.

PALM DETECTION (Open CV) 2023
◊ Developed an algorithm to process visual data to identify and detect palm shapes with high precision and movements.
◊ A system capable of simultaneously tracking the motion of 5 palms, providing real-time monitoring and analysis of hand movements.

MAUSAM (Android) 2023
◊ Designed an app that delivers real-time weather updates, refreshing every 5 minutes to provide users with the most up-to-date and accurate weather information.
◊ Interactive Dashboard Showing details like temperature, wind speed, humidity, AQI, etc. having 60% user engagement of total app usage.
◊ Published our app on PlayStore having 15K+ downloads reflecting its popularity.

JUNK FILE ORGANIZER (Windows, Script) 2023
◊ Developed an automated system for file classification and segregation based on file extensions, achieving 100% accuracy.
◊ The implementation led to a 40% reduction in data retrieval time by streamlining the process of organizing & categorizing files based on extensions.
◊ Improving the files management efficiency by 75%.

EDUCATION

BACHELOR OF ENGINEERING - Computer Engineering.
Thapar Institute of Engineering and Technology. Studying
◊ CGPA: 8.19

XII - PCM.
Kendriya Vidyalaya. 2021
◊ Secured 93.8%

X - PCM.
Kendriya Vidyalaya. 2019
◊ Secured 91.2%

ACHIVEMENTS

100+. *Leetcode Submissions.* 2024
91.3 PERCENTILE. *Joint Entrance Exam.* 2022
RANK 7408. *West Bengal Joint Entrance Exam.* 2022
RUNNER UP. *National Children Science Congress.* 2014
WINNER. *Science Quiz.* 2013