

PIYUSH GUPTA

CONTACT DETAILS

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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

- 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**