Sakshi Dubey

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SAS Nagar, Punjab, India 25 August, 2003

Career Objective

To obtain a position in a reputed organization where I can utilize and expand my knowledge of Python, Machine Learning, and Software Development. I aim to contribute effectively to real-world projects while enhancing my technical skills in a dynamic and growth-oriented environment.

Profile

A graduate with a strong interest in software development, machine learning, and AI-based applications. Working with libraries like NumPy, Pandas, and Scikit-learn.Quick learner, organized, and focused on delivering efficient and accurate solutions.

Soft Skills

- Attention to detail
- Teamwork and collaboration with staff
- Good listener
- Time Management
- Leadership
- Fast Learner

Technical Skills

- Python
- NumPy
- Scikit-Learn
- Pandas
- Matplotlib
- Artificial Intelligence
- Machine Learning
- Data Analysis
- LLM
- Hugging Face Transformers
- Prompt Engineering
- LangChain
- Gemini API

Education

Bachelor of Technology in Computer Science and Engineering, 2021 – 2025
Rayat Bahra University SAS Nagar, Punjab, India

XII, *Gov. Model Sr. Sec. Smart School* 2020 – 2021
Kharar, Punjab, India

X, *Guru Angad Dev Public School* 2018 – 2019
Kharar, Punjab, India

Projects

JARVIS – AI Voice Assistant, *Designed an intelligent JARVIS-like AI that transforms any computer into a smart, voice-controlled system capable of thinking, automating, and responding like a human.*

- Answers questions using Gemini LLM.
- Understands and responds in multiple languages, including English and Hindi.
- Performs system automation (open/close apps & websites, adjust volume/brightness, shutdown/restart/sleep).
- Provides system insights (CPU, RAM, battery, and storage status).
- Supports email automation, and real-time news updates.

Technologies/Libraries: Python, SpeechRecognition, gTTS, Google Gemini LLM, OS, subprocess, psutil, pyautogui, webbrowser, smtplib, email, dotenv

House Price Prediction using Python & Machine Learning, *Developed a Python-based machine learning model for predicting house prices based on various input features such as area, number of bedrooms, location, and more. The system performs the following tasks:*

• Reads housing data from a CSV file for training
• Trains a regression model using LinearRegression from scikit-learn
• Takes user input for features like area, bedrooms, etc.
• Predicts the price of a house using the trained model
• Displays the result in a user-friendly format It uses essential Python libraries like: sikit-learn, pandas, numpy

Face Recognition Attendance System, *Developed a real-time Face Recognition Attendance System that automatically detects individuals, identifies known faces, and records instant check-in timestamps*

- Automated face recognition system that marks attendance in real time.
- Instantly logs each person's name and timestamp into a daily CSV file.
- Alerts for unknown users to ensure secure access.
- High-accuracy detection using face encodings and distance matching.

OpenCV, face_recognition, NumPy, CSV, datetime

Awards

Outstanding Teacher Award – 1st Position in Teaching Competition

Excellence in Student Coordination

Top Performer in Topic Presentation and Explanation

Languages

- Hindi
- Punjabi
- English

Interests

- Learning new skills
- Listening music
- Organizing and planning work
- Traveling