

PRAKUL DHIMAN

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LinkedIn

GitHub

OBJECTIVE

Aspiring AIML Engineer with a strong foundation in Computer Science and a passion for developing innovative solutions. Seeking opportunities to leverage technical and analytical skills in software development and AI applications to drive impactful solutions.

EDUCATION

Chandigarh University, Gharuan

BE. CSE - AIML - CGPA: 7.19

2022 – 2026

Kharar, India

Govt. Sen. Sec. School, Diara

High Secondary - Percentage: 91.6%

2021 – 2022

Una, India

Mount Carmel Sen. Sec. School, Una

High Secondary - Percentage: 88.67%

2019 – 2020

Una, India

PROJECTS

Gesture Control Bluetooth Speaker Controller Using Arduino

2023

- Developed a Gesture Control Bluetooth Speaker using an Arduino-based ESP32 microcontroller and the PAJ7620U2 sensor, enabling users to control the speaker's functions through hand gestures.

Vision Net for Smart City Infrastructure

2024

- Developed an AI-based system using computer vision techniques to enhance urban infrastructure, focusing on traffic management and safety applications.

AI-powered Sign Language Recognition and Translation System

2025

- Built a deep learning-based application that translates sign language gestures into text/speech, improving accessibility and inclusivity.

Automation Script for Task Completion

2025

- Developed a Python-based automation script to complete repetitive client-assigned tasks efficiently, reducing manual effort and improving accuracy.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, SQL

Developer Tools: VS Code, Power BI

Technologies/Frameworks: GitHub, Git, Machine Learning

SOFT SKILLS

Persistent, Team Player, Adaptability

EXTRACURRICULAR

Chess Runner-up

2019 – 2020

Zonal Level

Hoshiarpur

CERTIFICATIONS

Machine Learning for All by University of London through Coursera

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

Python for Everybody by University of Michigan through Coursera