

Dawood Habib Khan

Computer Vision Engineer

Software Engineer and AI enthusiast with experience in Computer Vision, Machine Learning, and Flutter Development. I build real-time intelligent systems and AI-powered applications, focusing on practical, user-centric solutions.



✉ dawoodhabib38@gmail.com

📞 03245440358

📍 Mochh, Mianwali, Pakistan

🌐 dawood-habib-b47227257

EDUCATION

BS Computer Science

Namal University Mianwali

Oct 2022 - Present

Courses

- C++
- Data Structure & algorithm
- Cloud Computing
- Artificial Intelligence
- Digital Image processing
- OOP
- Computer Networks
- Software Engineering
- Machine Learning

PROJECTS

AI Shot Master Coaching for Everyone

Final Year Project

Built AI-powered cricket coaching system using computer vision, pose estimation, and real-time shot analysis. Developed gamified training platform with animated bowling simulation, live feedback, and multi-level progression system for cricket shot improvement.

Oct 2025 - May 2026

Hand Gesture Controlled Games

Computer Vision Project

Built gesture-controlled gaming system using hand tracking and real-time motion detection. Developed multiple interactive games including Balloon Pop, Flappy Bird, Brick Breaker, Pong, Snake Game, and Squid Game controlled entirely through hand gestures

Feb 2025 - Mar 2025

Blind Assistance System

Assistive Technology Project

Developed intelligent assistance system for visually impaired users with obstacle detection, distance estimation, and safe path guidance.

Jun 2025 - Aug 2025

SKILLS

Python

OpenCV

Media pipe

YOLO

Pillow

C++

Flutter

Dart

Firebase

Azure

SQL

Github

Microsoft office

Problem solver

Team Collaboration

Analytical Thinking

Communication

Vibe Coding

ORGANIZATIONS

Al-Suffah College Mochh Mianwali

Teacher

Taught Intermediate-level Computer Science (ICS) students during semester break, helping them understand key programming concepts and improving their conceptual clarity through structured lessons and practice sessions.

LANGUAGES

Urdu

Native or Bilingual Proficiency

English

Professional Working Proficiency

INTERESTS

Computer Vision

Digital Image Processing

Real-Time AI Systems

Flutter App Development