

# MOHAMMED ABDUL MOID



10abdulmoid



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## SUMMARY

. Experienced in leading projects and collaborating within teams at multiple clubs. Having hands on experience in Python, ML, DS, CV with a passion for innovative solutions. Seeking to contribute and grow through the guidelines of GB

## WORK EXPERIENCE

**Google developers student clubs, MJCET (Social Media lead)** Nov 2023 - July 2024

- Grew GDSC MJCET'S social media handles.
- Learned hoe to corporate organisations work and their functioning.
- Inspite of from Media portfolio I delivered sessions on many tech based events.

**IEEE SMC (Systems, Man and Cybernetics), MJCET (Tech lead)** Mar 2024 - Present

- Attended workshops on python, JS, ML & Gen-AI
- Collaborated with cross-functional teams

## ACCOMPLISHMENTS IN TECH

- Won Hackenvision using an opencv project developed by our team.
- created a website for our project based learning lab and came first in my class.
- Attended many tech events and workshops in and outside of my college

## EDUCATION

**ICSE (Nursery to 10th) 8.4 (CGPA)** June 2007 - April 2020

Mukkaram Jah High School

- Selected as a senior prefect in 9th standard
- Selected as Head boy in 10th standard.

**Intermediate - 7.78 (CGPA)** Aug 2020 - June 2022

MS junior College

- **MPC**

College

**Muffakham Jah College of Engineering and Technology**

Bachelors of ENGG

in **Artificial Intelligence and Data Science**

## TECHNICAL INFORMATION

- **Technical Skills:** CAD, C, JAVA, PYTHON, HTML, CSS, JS, SQL, YOLO, CV, CNN, STABLE DIFFUSION, MACHINE LEARNING, PANDAS, GANS, RAG.
- **Languages:** English, Hindi, Urdu
- **Softwares proficient in:** VS code, Postgres SQL, COLAB, Looker, Tableau, Git and Github

## PROJECTS

### **PROJECT NEX-I [click here for project link](#)**

A smart city focused Project which Our project aims to develop an advanced security system using computer vision to enhance public safety in urban environments. By leveraging YOLOv8 for real-time human detection and a custom-trained dataset on Roboflow for weapon detection, the system can accurately identify individuals carrying lethal weapons. Upon detection, it instantly alerts authorities via Twilio, providing critical incident information and images of the suspect to facilitate swift and effective responses. This automated approach minimizes human error and reduces response times

### **CV-DRIVE [click here for project link](#)**

The project is a virtual steering wheel created using OpenCV, designed to make any game playable through hand motion detection. It utilizes a face camera to capture hand movements, which are then processed by dividing the hands into coordinate points. Based on the stimulation of these points, the system dynamically interprets hand gestures to simulate steering actions, pressing corresponding keys such as 'D', 'W', 'A', and 'S' for right turn, forward, left turn, and backward movements, respectively.

### **GENE-AI [click here for project link](#)**

Objective: Develop a personalized health plan generator that utilises gene expression analysis, polygenic risk scores (PRS), and the Gemini API to provide tailored health recommendations and interventions.