

# PRAKUL DHIMAN

Una, H.P.

☎ +91-7018507964 ✉ prakuldhiman04@gmail.com 🔗 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

<b>Chandigarh University, Gharuan</b> <i>BE. CSE - AIML - CGPA: 7.19</i>	<b>2022 – 2026</b> <i>Kharar, India</i>
<b>Govt. Sen. Sec. School, Diara</b> <i>High Secondary - Percentage: 91.6%</i>	<b>2021 – 2022</b> <i>Una, India</i>
<b>Mount Carmel Sen. Sec. School, Una</b> <i>High Secondary - Percentage: 88.67%</i>	<b>2019 – 2020</b> <i>Una, India</i>

## PROJECTS

<b>Gesture Control Bluetooth Speaker Controller Using Arduino</b>	<b>2023</b>
– 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.	
<b>Vision Net for Smart City Infrastructure</b>	<b>2024</b>
– Developed an AI-based system using computer vision techniques to enhance urban infrastructure, focusing on traffic management and safety applications.	
<b>AI-powered Sign Language Recognition and Translation System</b>	<b>2025</b>
– Built a deep learning-based application that translates sign language gestures into text/speech, improving accessibility and inclusivity.	
<b>Automation Script for Task Completion</b>	<b>2025</b>
– 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

<b>Chess Runner-up</b> <i>Zonal Level</i>	<b>2019 – 2020</b> <i>Hoshiarpur</i>
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## 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