

# REDA KALEEM

AI Engineer & Data Analyst

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Enthusiastic and self-driven Computer Science undergraduate with a strong foundation in Artificial Intelligence and Machine Learning. An aspiring Data Scientist who is proficient in Python, Data wrangling and ML frameworks like YOLOv8 along with Data Visualization.

## KEY COMPETENCIES

SQL	Tensorflow, PyTorch, PyGame	Tableau & Microsoft Office
Python	Data analysis & visualization	Git & GitHub
ML & LLM	AI Development	API

## EXPERIENCE

**Lords Skill Academy [LSA]** **Aug 2025 - Nov 2025**

Designed and developed Python-based projects using OpenCV and Pygame. Supported program research, scheduling, and mentored students through hands-on development.

## EDUCATION & CERTIFICATIONS

### B.E Degree - 8.54 CGPA

Lords Institute of Engineering and Technology  
Majors: Computer Science Engineering

### Intermediate - 9.6 CGPA

MS Junior College

### ICT IBM SkillsBuild

<https://www.credly.com/users/reda-kaleem>

Data Fundamentals

Artificial Intelligence Fundamentals

### Data Science & ML Intern — Pantech E Learning pvt Ltd

Sept 2024

## PROJECTS

**Nov 2025 - Dec 2025**

### KAR - AI powered headsets

<https://github.com/RedaKaleem/KAR>

Built an AI-powered headset assistant (Sael) inspired by JARVIS, enabling hands-free control via natural voice interaction using Python, speech recognition, and ElevenLabs. Designed for specially-abled users with real-time task execution and emotionally aware, human-like responses.

### Clear-Path AI

**Sep 2025 - Oct 2025**

<https://github.com/RedaKaleem/ClearPath-AI>

Developed ClearPath AI, a smart traffic management system using YOLOv8 and OpenCV to detect emergency vehicles and dynamically control signals, enabling real-time route clearance and scalable integration with smart city and IoT infrastructure.

### Virtual Steering

**July 2020 - Jan 2022**

<https://github.com/RedaKaleem/virtual-assitance>

Developed a virtual car simulator in Python using MediaPipe and OpenCV, enabling real-time hand gesture control for steering, acceleration, and braking through computer vision-based interaction.

## EXTRACURRICULAR ACTIVITIES

Lead, CodeWave Hub

Postman Student Expert