

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	ICT IBM SkillsBuild https://www.credly.com/users/reda-kaleem Data Fundamentals Artificial Intelligence Fundamentals
Intermediate - 9.6 CGPA MS Junior College	Data Science & ML Intern — Pantech E Learning pvt ltd Sept 2024

PROJECTS

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.	Nov 2025 - Dec 2025
Clear-Path AI 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.	Sep 2025 - Oct 2025
Virtual Steering 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.	July 2020 - Jan 2022

EXTRACURRICULAR ACTIVITIES

Lead, CodeWave Hub
Postman Student Expert