

MUHAMMAD AHMED RAYYAN

AI | MACHINE LEARNING STUDENT

CONTACT

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📍 Gulistan-E-Johar, Block-20,
Karachi, Pakistan

PROFILE

Motivated BS Artificial Intelligence student at SZABIST University with a 3.3 CGPA, currently in the 4th semester. Skilled in Python, Streamlit, SQL, and multiple programming languages, with practical experience developing AI-driven applications and custom GPT models. Passionate about integrating software with real-world systems, from smart IoT devices to machine learning solutions. Strong analytical thinker with a track record of turning complex ideas into functional, impactful projects.

LINKS

 Muhammad Ahmed Rayyan

 Muhammad-Ahmed-Rayyan

EDUCATION

2023 - 2027

SZABIST UNIVERSITY

- Bachelor of Science in Artificial Intelligence

2021 - 2023

GOVT. DEGREE GULSHAN

COLLEGE

- Intermediate in Pre-Engineering

PROJECTS

• VitalCare GPT:

Developed and deployed a custom GPT application by fine-tuning models on Hugging Face for healthcare-focused Q&A.

LINK TO CODE: [VitalCare-GPT CODE](#)

LINK TO PROJECT: [Vitalcare-GPT](#)

• AI Hotel Management System:

Built with Streamlit and MySQL, includes dynamic pricing using ML, demand prediction, and secure room booking system.

LINK TO CODE: [AI-Hotel-Management-System](#)

• Smart Safety Bag:

Developed using Arduino (GPS + sensors) & Raspberry Pi. Detects motion and performs face recognition via OpenCV; sends live alerts (location + intruder photo) to the user's mobile using IFTTT mobile app.

LINK TO CODE: [AI-Smart-Safety-Bag](#)

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, HTML/CSS, SQL, SQL Queries
- **AI & ML:** Machine Learning algorithms, OpenCV, fine-tuning AI models
- **Frameworks & Tools:** SQL Server Management studio, MS Office, Streamlit, Hugging Face, NetLogo, Arduino IDE, Packet Tracer, Wireshark
- **Other:** Data Structures & Algorithms, Git/GitHub, Blynk, IFTTT

CERTIFICATES

First Place – Machine Learning Competition, SZABIST

3rd Prize, AI Image Generation Competition, AGA KHAN UNIVERSITY

Completed CI/CD in Machine Learning Course, DATACAMP

Participated in Database Design Competition, SZABIST

Participated in Logic Design Competition, SZABIST

LANGUAGES

- English (Fluent)