

# OMAR REHAN

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## *Full Stack & AI Engineer | Data Scientist*

Ajman, UAE | +971 50 966 9311 | ai.omar.rehan@gmail.com

**LinkedIn:** <https://linkedin.com/in/omar-rehan-47b98636a> | **GitHub:** <https://github.com/AIOmarRehan>

**Kaggle:** <https://kaggle.com/aiomarrehan> | **Medium:** <https://medium.com/@ai.omar.rehan>

**Hugging Face:** <https://huggingface.co/AIOmarRehan> | **Website:** <https://omar-rehan.vercel.app>

### Summary

Computer Science graduate with strong experience in AI systems and full-stack development. Solid foundation in software engineering, machine learning, and production-oriented AI pipelines. Seeking a Full Stack & AI Engineering role in the UAE.

### Technical Skills

- Programming: Python, JavaScript
- AI & ML: Machine Learning, Deep Learning, Computer Vision, NLP
- Frameworks: TensorFlow, PyTorch, Scikit-learn
- Full Stack: React, Next.js, Node.js, REST APIs
- Data & DB: SQL, MongoDB, Data Analysis
- Tools: Jupyter, Colab, Git, Power BI, Excel, Kaggle

### Project Experience

- Developed CNN-based image and audio classification systems using TensorFlow and PyTorch.
- Applied transfer learning and fine-tuned vision-language models.
- Built multimodal pipelines using LLaMA and Qwen with parameter-efficient fine-tuning.
- Led Smart Classroom System project with YOLO-based detection and IoT automation.
- Developed Flutter mobile app for classroom remote control.

### Education

Bachelor of Computer Science

Arab Academy for Science, Technology & Maritime Transport (AASTMT)

Sep 2019 – Feb 2024

### Training & Certifications

- Digital Hub – AI Track (Cairo)
- Digital Hub – IoT Track (Cairo)
- HRDC Egypt – Soft Skills
- Cisco Networking Academy Certifications

### Languages

Arabic - Native | English - Professional Working Proficiency