



# YAMAN ALOMAR

## ARTIFICIAL INTELLIGENCE ENGINEER

A recent AI Engineer graduate with experience in designing and developing deep learning and generative AI solutions. Skilled in building intelligent and efficient systems that combine automation with smart analytics to deliver real-world product value. Experienced in developing LLM-based AI agents using Python, LangChain, and AGNO, enabling dynamic interaction with APIs, external data sources, and contextual memory. Passionate about building intelligent systems and optimizing AI applications and getting better.

### CONTACT

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### SKILLS

- Agentic AI
- MLOps
- Prompt Engineering
- Deep Learning / Neural Networks
- Machine Learning
- Cloud Computing
- LLMOps

### TOOLS

- Python
- R
- Agno
- LangChain
- MLFlow
- AirFlow
- FastAPI
- Flask
- Tensorflow
- PyTorch
- Scikit-Learn
- Hugging Face Transformers
- Next.js
- Supabase
- MongoDB
- PostgreSQL
- PGvector
- Docker
- Azure

### LANGUAGES

- Arabic
- English
- Turkish (B1)



### WORK EXPERIENCES

#### ○ Mentor X

2025 - Present

Co-founder & AI Engineer

- Developing an AI-integrated Agentic Learning Management System (LMS) to enhance educational efficiency.
- Integrated AI agents and Retrieval-Augmented Generation (RAG) techniques to support interactive learning and intelligent resource management.

#### ○ Nasher

2025 - Present

Co-founder & AI Engineer & Backend Engineer

Leading the development of Nasher, a next-gen content creation platform powered by autonomous AI agents using Agno-AGI. Built core systems including Fekrah Hujra (collaborative writing), a Figma-style real-time whiteboard, and a deep web research agent. Developing scalable backend services with FastAPI and MongoDB, enabling 10x faster content creation and reducing research effort by 80% in closed beta.

#### ○ Rassid AI

2025 - Present

Co-founder & AI Engineer

- Developing an integrated platform that offers AI-powered Agentic accounting software tailored for startups and medium-sized businesses.

#### ○ MBC Media Solutions (MMS)

2024

Internship, Data Analyst

- Helped the CRM team in organizing customer accounts and ensuring that the data is consistent in both the CRM and Fusion.
- Developed a Retrieval-Augmented Generation (RAG) chatbot using LangChain, Chroma, and Llama 3.1 embeddings.
- Optimized retrieval accuracy and response speed through BM25 and ensemble retrievers alongside reranking.
- Evaluated chatbot performance using Giskard and designed a test set for validation.

#### ○ Arabic Subtitles Generator

2024

- Developed an end-to-end subtitle generation pipeline that transcribes, translates, and overlays Arabic subtitles on videos. Used Whisper for transcription, Helsinki-NLP/opus-mt-en-ar for translation, and FFmpeg for audio extraction and subtitle embedding. Enhanced subtitle accuracy by fine-tuning translation models and optimizing text alignment for smoother playback.



### EDUCATION

#### ○ Bachelor of Science (BSc) Artificial Intelligence Engineering 2021 - 2025

Bahçeşehir University

GPA: 3.28