

# MILAD GHASHANGI AGHDAM

AI Engineer

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## SUMMARY

AI Engineer with a background in building intelligent, scalable systems that streamline complex workflows. Specialises in Retrieval-Augmented Generation (RAG) and large language models to automate processes and accelerate reporting. Experienced across healthcare, retail, and enterprise systems, delivering solutions that enhance efficiency and data-driven decision-making. Skilled at turning complex datasets into clear insights that support business growth.

## EXPERIENCE

### Software Engineer

*Nagsh Film*

Jan 2025 – Sep 2025

Tabriz, Iran

- Orchestrated the design and deployment of 10 Odoo modules, conducting requirements analysis with department leads to ensure alignment; delivered ERP customization that automated workflows across 5 departments and optimized processes for 20+ employees.
- Designed and implemented real-time business intelligence dashboards in Power BI and Odoo reporting modules, improving data visualization of production KPIs and automating reporting workflows that replaced manual monthly reports.

### AI Developer (Healthcare Data)

*Azmayeshgah Khayyam*

Nov 2024 – Aug 2025

Remote, Part-time

- Worked with a cross-functional team of AI engineers and healthcare specialists to develop deep learning models for MRI image analysis.
- Contributed to the development of 3 research prototypes for MRI image analysis, improving disease prediction accuracy by double-digit percentages and supporting faster diagnostics for hundreds of patient

### Data Analyst — AI Developer

*Mealzo*

Nov 2022 – Nov 2024

Scotland (Remote)

- Engineered a location-based Q&A system that enabled faster access to 10K+ business records, improving customer support and search efficiency.
- Structured and optimized large business datasets, ensuring reliable retrieval and smooth data operations across 500K+ records.
- Designed automated data workflows using Google Business API, replacing manual Excel processes and reducing data preparation time by 40%, uncovering customer insights that guided marketing strategy.
- Developed 5+ interactive Power BI dashboards for sales and marketing, cutting reporting time by 60% and enabling faster, data-driven decision-making across campaigns.

## EDUCATION

### M.Sc. in Software Engineering

*Islamic Azad University*

Sep 2023 – Sep 2025

Tabriz, Iran

## SKILLS

- ML & AI:**
  - Frameworks:** PyTorch, Scikit-learn, Hugging Face Transformers
  - Techniques:** RAG, Parameter-Efficient Fine-Tuning (PEFT) with LoRA & QLoRA
  - LLMs & Tools:** LangChain, Llama3, Mistral 7B, Chroma, Ollama
  - Architectures:** Transformer, ViT, SAM, CNN, RNN
- Programming Languages:** Python (Pandas, NumPy, Seaborn, Matplotlib, Streamlit), SQL (MySQL, SQL Server)
- Frameworks & Tools:** Odoo (Customization, Module Development), Web Scraping (BeautifulSoup, Selenium, Requests)
- DevOps:** Docker
- Data Analysis & Visualization:** Microsoft Power BI (Dashboards, Reporting)

## PROJECTS

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- **AI Personal Stylist Bot:** created a Telegram AI stylist with a RAG pipeline (Mistral-7B + ChromaDB) to deliver personalized, searchable fashion recommendations. [Link](#)
- **Kavosh-AI - Multilingual RAG Q&A System:** Built a multilingual (English/Persian) RAG system using LangChain and FAISS to extract verifiable, cited answers from academic PDFs via a Gradio web UI. [Link](#)
- **Specialized Translation Model:** created a custom translation engine by fine-tuning Llama 7B and Mistral 7B models. Utilized QLoRA and LoRA methods for resource-efficient training on a private dataset, resulting in a specialized model with high translation accuracy.

## CERTIFICATIONS

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- LLM Agents, Hugging Face
- Data Science Professional, University of Tehran
- SQL for Data Science, University of California - Coursera
- Mathematics for Machine Learning: Linear Algebra, Coursera

## LANGUAGES

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**English:** Intermediate    **Persian:** Native    **Turkish:** Native