

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 Jan 2025 – Sep 2025
Nagsh Film 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) Nov 2024 – Aug 2025
Azmayeshgah Khayyam 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 Nov 2022 – Nov 2024
Mealzo 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 Sep 2023 – Sep 2025
Islamic Azad University 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

- **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

- 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

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