Mahdi Abbasi

Applied AI Engineer · Agentic AI · RAG · NLP

Rasht, Iran · Open to Remote / Hybrid mahdi.abbasi.5254@gmail.com linkedin.com/in/mahdiabbasi80

SUMMARY

Applied AI Engineer with 6+ years of hands-on experience building AI solutions with Natural Language Processing, Agentic AI, Retrieval-Augmented Generation (RAG), data engineering and Docker-based deployments. I focus on turning AI technologies into practical products that solve real business problems — designing intelligent applications, automating workflows and shipping scalable AI-powered services. Active competitor in national AI competitions and hackathons.

EXPERIENCE

Artificial Intelligence Engineer · Irsa (Part-time) Dec 2019 – Present · Rasht, Iran

- Design and build AI-powered applications using NLP, LLMs and agent-based architectures.
- Develop RAG pipelines that connect language models to company data for search and question answering.
- Build data processing pipelines to clean, transform and prepare data for ML models and AI services.
- Automate business workflows with AI agents and deploy services as Docker containers for reliable, scalable delivery.

HONORS & COMPETITIONS

Silver Medal – Intelligent Agent League, AIROCUP 2026 Jun 2026

- National AI & Robotics Competition. Designed and built an autonomous AI agent for a competitive environment, focused on agent design, decision-making and real-time problem solving.

3rd Place – Suspicious Banking Transaction Detection, AAIC May 2023

- 7th Amirkabir AI Competition (Amirkabir University of Technology). Built an ML model to detect fraudulent and suspicious transactions in banking data.

Agentic AI Hackathon – Starcoach (challenges by Torob, Liara, Wallex) Oct 2026

- 72-hour hackathon building agent-based solutions to real-world problems set by Torob, Liara and Wallex. Also took part in the Starcoach Vibe Coding Hackathon (Sep 2026).

GCI World Program – Matsuo-Iwasawa Lab, University of Tokyo Sep 2026

- Accepted into the international AI and data science program.

SKILLS

AI / LLM	Agentic AI development, RAG, LangChain, LlamaIndex, Anthropic Claude, Claude Code & Subagents, Claude Skills
ML & NLP	Machine learning, Natural Language Processing, data processing, Pandas
Engineering	Python, Docker
Languages	Persian (native), English (professional working proficiency)

EDUCATION

B.Sc. Computer Engineering
Payame Noor University
Sep 2019 – Dec 2026 (expected)

CERTIFICATIONS

RAG for Production with LangChain & LlamaIndex · Activeloop, 2026

Claude Code 101 · Claude 101 · Anthropic, 2026

Intermediate ML · Intro to ML · Pandas · Python · Kaggle, 2023

Programming with Python · Tehran Institute of Technology, 2021