Helsinki, Finland

Amir V

Data Scientist
AI Engineer

Experienced machine learning engineer and data scientist with eight years of expertise in designing and deploying AI-driven solutions at scale. Proficient in building production-ready Generative AI systems, optimizing data pipelines, and leveraging large datasets to drive business impact. Holding a Master's in Computer Science and strong cross-functional collaboration skills, I am eager to apply my technical expertise in creating innovative, scalable solutions that enhance operational efficiency and deliver actionable insights.

SKILLS

Programming Languages	Python, R, SQL
AI & ML	Tensorflow, Pytorch, Sklearn, XGBoost, MLFlow, LangChain, Haystack
Data Analysis	NumPy, SciPy, Pandas, PySpark, Polars, Dask, Matplotlib, Seaborn, Plotly, PowerBI, Metabase
Database Systems	MySQL, MongoDB, Elasticsearch, ClickHouse, Redis
Cloud Computing	AWS (SageMaker), Azure (ML, OpenAI Service), Google Cloud (Vertex AI)
Other Frameworks	Apache Airflow, Docker, Git, FastAPI

TECHNICAL EXPERIENCE

AI Engineer Consultant, Incytel Co. **Jul.2024 — Present**

Incytel Games is a game studio mainly focused on casual and mid-core mobile games.

- Developed Generative AI-powered conversational agents to enhance player interactions.
- Built and maintained machine learning models for personalized in-game offers (especially for Mencherz)

Senior Data Scientist & AI Engineer, Nosto Co. **Sept. 2022 — Jul.2024**

Nosto is an AI-driven Commerce Experience Platform (CXP) that helps online businesses create personalized and relevant experiences across all devices.

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- Led the integration of Generative AI models into Nosto's platform, improving customer interactions and automating key workflows (e.g., CSV chatbot)
- Implemented LLM-based applications to enhance personalized recommendations
- Conducted A/B tests to optimize recommendation models, achieving a 10% uplift in conversion rates.
- Investigated and analyzed anomaly data, identifying patterns and outliers to improve data quality
- Developed and implemented proofs of concept (e.g., automatic bundle creation and CSV chatbot)

Lead Data Scientist & Machine Learning Engineer, SabaIdea Co. **Oct. 2018 — Sept. 2022**

SabaIdea is the owner of some of the most popular Iranian online services including Aparat (Video Sharing Platform) that has 22 million videos and 56 million monthly unique visitors, and Filimo (Online VOD Service) that has 45000 videos and 3.5 million tablet and mobile users. *Tehran, Iran*

- Led a team of data scientists and engineers to design and deploy scalable recommendation systems for Filimo, improving click-through rates by 50% and user watch time by 20%.
- Built and maintained ETL pipelines to prepare large datasets for A/B testing
- Worked cross-departmentally, especially with content, marketing, and product departments, to complete projects
- Developed a system for finding near-duplicate videos in Aparat
- Designed and implemented a video-to-video recommendation system (video to video) for Aparat, processing millions of videos and handling high-traffic volumes.

Data Scientist, Miras Co. **Sept. 2016 — Oct. 2018**

Miras is a machine learning startup that specializes in providing predictive modeling sokware for business applications. *Tehran, Iran*

- Developed and optimized data gathering and machine learning systems for speaker verification, contributing to two published research papers at international conferences.
  " MirasVoice: a bilingual (English-Persian) speech corpus" LREC 2018
  "Investigating language variability on the performance of speaker verification systems" SPECOM 2018
- Built scalable web-scraping tools for collecting large-scale text data, used for building the "MirasText" corpus, processing millions of entries for natural language processing tasks. "MirasText: an automatically generated text corpus for Persian" LREC 2018

EDUCATION

Master of Computer Science, *Amirkabir University of Technology* 2016 — 2018
Tehran, Iran

- M.Sc. Thesis: Effect of Different Languages on the Performance of Automatic Speaker Authentication Systems