

MEHRAN ZIABARY (Seyed Mohammad Mohammadzadeh Ziabary)

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SUMMARY

“DO WHAT SEEMS IMPOSSIBLE.”

This motto reflects how I approach engineering: question the assumptions behind a difficult problem, build a solution, and test it against evidence.

I am a technology executive, entrepreneur and AI researcher with nearly three decades of experience spanning electronics and robotics, network security, natural language processing and AI infrastructure. My core work involves designing secure, scalable systems, including Zero Trust AI (ZTAI) and high-performance computing (HPC), translating research into products, and leading technology businesses.

Alongside this technical work, I contribute to AI and data governance through industry leadership and policy advisory roles. I bring an engineering perspective to these decisions, examining how architecture, infrastructure and institutional choices affect security, accountability and competition. Whether developing a product or proposing a policy, I focus on practical results while preserving the ability to make informed choices.

Selected Professional and Association Roles

Hoomas Co

CTO

Investment in industrial AI startups

Sep. 2025

RAQI.ai Co

Co-Founder and CTO

Aug 2025

Present

Leading the technological vision and platform development for an enterprise AI solution provider focused on the MENA region, specializing in industrial, financial, and government sectors.

Main Products & Focus:

- **ZakiLab (ZakiLab AutoML & Platform):** Architecting the core AutoML and Machine Learning Platform that accelerates the development and deployment of real-world AI applications, including Predictive Maintenance, Soft Sensors, and Production Optimization.
- **Zakitam (ZakiTam ZeroTrust AI Platform):** Responsible for the design and implementation of the ZeroTrust AI (ZTAI) architecture. This involves creating an unmatched security and data sovereignty platform that supports on-premises, hybrid, and air-gapped deployments, crucial for sensitive sectors.

ZEKITAM SMART SOLUTIONS YAZILIM LIMITED SIRKETI

Founder and CEO since 2021

Founded and lead this software solutions company focused on developing and deploying **highly-secure, mission-critical AI infrastructure** for international enterprise and government clients.

TARGOMAN INTELLIGENT PROCESSING Co. Pvt.

Co-Founder and CEO since 2019, formerly deputy CEO

Apr. 2014

Present

Main Products:

- **Targoman:** National machine translation framework (SMT/HLMT/NMT)
- **Tarjomyar:** Computer aided translation web application.
- **Toranj:** Next generation translation framework.
- **DLaaS:** Deep Learning as a Service
- **GCaaS:** GPU Computing as a Service
- **Damavand:** ZTAI based HPC platform

DELTAGLOBAL Co. Pvt.

Principal Engineer since 2015, formerly technical manager

Aug. 2006

Apr. 2017

Main Projects:

- PACO: Cloud-based Internet content analyzing and parental control total solution
- HFS: A near wire-speed file storage
- IPCAP: 1G/10G/40G Deep packet inspection tool
- PIR: Adult image/video classifier
- WCP: Accurate web content analyzer/classifier

PERSIAN GULF ROBOTIC TEAM

Team member, Robot AI and Control manager

Sep. 2004

Aug. 2006

- RoboCup Middle SizeLeague (MSL) robot soccer competitor
- 2nd RoboCup2006 World Rank in technical challenge (Bremen-Germany)
- 8th RoboCup2005 World Rank in technical challenge (Osaka-Japan)
- 1st IranOpen2006 National Rank in MSL (Tehran-Iran)

IRANIAN RESEARCH ORGANIZATION OF SCIENCE AND TECHNOLOGY (IROST)

National Motor Control project co-operator

Sep. 2002

Mar. 2003

- Design and development of industrial motor controllers

EDUCATION

AMIRKABIR University of Technology

Master of Science (M.Sc.) , AI

Thesis: A proof of concept machine translation inspired by brain activity in bilingual children

I. AZAD UNIVERSITY - CENTRAL TEHRAN BRANCH

Bachelor of Science (BSc) , Computer Software Engineering

Thesis: Design and development of a supercomputer based on outdated computers.

Research Papers and Books

- Introducing E4MT and LMBNC: Persian Pre-processing Utilities** 2022
Z. Shakeri, M. Ziabary, B. Vedadian, F. Azadi, S. Torabzadeh, and A. Atefi.
[12th International Conference on Computer and Knowledge Engineering \(ICCKE\)](#), pp. 246–252. IEEE.
- HLMT:Human-Like Machine Translation, Inspired by Bilinguals' Cortex Activity and Translation Behavior** 2015
S. M. M. Ziabary, S. Khadivi,
[ResearchGate](#). DOI: [10.13140/RG.2.1.1086.0002](#)
- AUT Document Alignment Framework for BUCC Workshop Shared Task** 2015
A. Zafarian, A. Aghasadeghi, F. Azadi, S. Ghiasifard, Z. Alipanahloo, S. Bakhshaei, S. M. Mohammadzadeh Ziabary,
[Proceedings of the Eighth Workshop on Building and Using Comparable Corpora](#), pp. 79–87. Association for Computational Linguistics.
- Developing an Open-domain English-Farsi Translation System Using AFEC: Amirkabir Bilingual Farsi-English Corpus** 2012
F. Jabbari, S. Bakhshaei, S. M. Mohammadzadeh Ziabary, S. khadivi
[Fourth Workshop on Computational Approaches to Arabic-Script-based Languages](#), pp. 17–23. Association for Machine Translation in the Americas.
- Semi-Human Instinctive Artificial Intelligence (SHI-AI).** 2006
A. Norouzi, S. M. Mohammadzadeh Ziabary, G. Rezaei and S. M. R. Shoeaei
DOI: [10.1145/1232425.1232446](#)
- A Novel Approach to Semi-Human Instinctive Artificial Intelligence** 2005
A. Norouzi and S. M. Mohammadzadeh Ziabary.
[Fourth Computer Engineering Students Conference](#)
- VBScript learning book** 2002
S. M. Mohammadzadeh Ziabary (author and translator), Pejman masnavee
[Naghus Publications](#). Book in Persian.
- Inter-Function Communication (IFC)** 2002
S. M. Mohammadzadeh Ziabary and Mina Yaychi
[National Student Conference on Computer, Islamic Azad University, Central Tehran Branch](#). In Persian.
- Design of a Cost Effective Supercomputer** 2001
S. M. Mohammadzadeh Ziabary and Mina Yaychi
[National Student Conference on Computer, University of Isfahan](#). In Persian.