

Kamran Hadadmarandi

Tehran, Iran | +98 9124718227 | kamihadad@outlook.com

[LinkedIn](#) | [GitHub](#) | kamihadad.com

Summary

Senior Software Architect & Technical Leader with **21+ years of experience** in enterprise systems, digital transformation, and AI/ML integration. Expert in **modernizing legacy systems**, leading **hybrid AI-human teams**, and building **scalable SaaS platforms**. Founder of the **KAM Ecosystem**, a suite of AI, IoT, and blockchain platforms. Committed to **mentorship and knowledge transfer**, ensuring continuity of innovation for future engineers.

Core Skills

- **Programming:** Node.js, React, TypeScript, Python, Delphi, SQL
 - **Backend:** NestJS, Express.js, FastAPI, Flask
 - **AI/ML:** Production AI integration, ML algorithms (R&D)
 - **IoT & Embedded:** ESP32, MicroPython, MQTT
 - **Infrastructure & DevOps:** Docker, Linux, Nginx, Cloudflare
 - **BI & Analytics:** Power BI, QlikView, SSRS
 - **Leadership:** Team Management, IT Management, Digital Transformation
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Professional Experience

Karafarin Exchange, Tehran, Iran

IT Manager | Lead Developer | Sep 2021 – Present

- Managed full IT operations, building a modern foreign exchange platform from scratch

- Migrated 19+ years of Delphi/SQL legacy systems to Node.js & React with zero business disruption
- Developed high-availability APIs and dashboards, maintaining **99.9% uptime**
- Implemented secure authentication, improved system reliability, and enhanced user experience (40% faster)
- Oversaw infrastructure deployment: Docker, Nginx, Cloudflare for enterprise-grade security & availability
- Led AI-human hybrid teams for code generation and platform automation

Royal Pioneer East, Tehran, Iran

IT Manager | Sep 2011 – Sep 2021

- Managed enterprise IT operations: networks, security, and vendor management
- Developed Delphi/SQL systems: accounting, warehouse management, multi-branch sales networks
- Built interactive dashboards with QlikView and Power BI for real-time analytics
- Improved operational efficiency by 35% through optimized business processes and database design

Faragostar Software Company, Tehran, Iran

Senior Programmer | Mar 2009 – Sep 2011

- Led development of financial and procurement systems using Delphi & SQL
- Designed supplier evaluation system, improving procurement efficiency

Pagah System Software Company, Tehran, Iran

Senior Programmer | Sep 2006 – Mar 2009

- Led 3-person development team for treasury, accounting, and inventory systems
- Managed R&D initiatives and multiple concurrent projects

Selected Projects

KAM Ecosystem – kamihadad.com

- **KAMTICKET** – AI-powered support system with intelligent ticket routing, SLA management, multi-channel support ([Demo](#))

- **KAMINVEST** – Smart portfolio platform with real-time market analysis, R&D on ML algorithms ([Demo](#))
- **KAMDEVICE** – IoT platform for device monitoring & automation, ESP32 firmware, MQTT integration ([Demo](#))
- **KAM SIGNAL** – AI-driven trading signals platform, real-time distribution, R&D on algorithm accuracy ([Demo](#))
- **KAM EXCHANGE** – Digital asset exchange with spot trading, order books, secure wallets ([Demo](#))

VibeCode – AI Code Generation Platform

- Leading hybrid AI-human development teams for code generation and system architecture

Legacy Projects (Delphi/SQL Era) – [Portfolio](#)

- Transport Management, Inventory & Accounting Systems, Factory Automation
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Education

B.Sc. in Computer Engineering – Islamic Azad University, Tehran South Branch, 2003

Languages

- Persian (Native)
 - English (Professional Working Proficiency)
 - Turkish (Fluent)
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Interests

- Mentorship & Knowledge Transfer to next-generation engineers
- Judo, Nature, Food