

Jafar Ekrami

Senior Technology Executive | AI Solutions Architect | Machine Learning Infrastructure Specialist

Contact Information

- **Mobile:** +989121412178
 - **Email:** ekrami@gmail.com
 - **LinkedIn:** www.linkedin.com/in/jafar-ekrami
 - **Location:** Muscat, Masqat, Oman
-

Professional Summary

Distinguished technology executive with over 30 years of progressive leadership in enterprise IT management, network engineering, and emerging artificial intelligence solutions. Recently transitioned focus to AI/ML infrastructure development, specializing in custom model training, intelligent agent architecture, and enterprise-scale AI system deployment. Demonstrated expertise in building high-performance GPU clusters and developing production-ready AI applications with comprehensive full-stack implementations.

Combines deep technical foundation in network infrastructure with advanced competencies in machine learning operations, prompt engineering methodologies, and AI solution architecture. Proven track record of leading digital transformation initiatives across healthcare, industrial, and telecommunications sectors while maintaining operational excellence and strategic innovation focus.

Core Competencies

Artificial Intelligence & Machine Learning

- Custom AI Model Development & Fine-tuning
- Intelligent Agent Architecture & Implementation
- Advanced Prompt Engineering & Optimization
- High-Performance GPU Infrastructure Design
- MLOps Pipeline Development & Automation
- AI Solution Architecture for Enterprise Applications

Technology Leadership & Infrastructure

- Enterprise Network Architecture & Management

- Cloud Infrastructure (Microsoft Azure, Kubernetes)
- Cybersecurity & Information Systems Management
- Digital Transformation Strategy & Execution
- Cross-functional Team Leadership & Development
- Vendor Management & Technology Procurement

Development & Integration

- Python Development for AI/ML Applications
 - Full-Stack Application Development
 - API Design & Backend Services Architecture
 - User Interface Development & User Experience Design
 - System Integration & Automation Solutions
 - Database Design & Performance Optimization
-

Professional Experience

Freelance Technology Consultant

January 2025 - Present

Providing specialized AI consulting services and advanced technology solutions to enterprise clients. Focus on machine learning implementation strategies, AI infrastructure optimization, and digital transformation advisory services.

Information Technology Consultant

Mehr Eye Hospital | *October 2023 - Present Tabriz, East Azerbaijan Province, Iran*

Lead comprehensive IT infrastructure modernization while pioneering AI integration initiatives within healthcare technology environment. Manage end-to-end network operations including passive and active component deployment, security systems integration, and performance optimization across multi-departmental hospital systems.

Key Achievements:

- Architected and deployed enterprise-grade network infrastructure supporting critical healthcare operations
- Implemented advanced security protocols for patient data protection and regulatory compliance

- Established comprehensive disaster recovery and business continuity frameworks
- Developed AI-enhanced monitoring systems for network performance optimization
- Created training programs for technical staff on emerging technologies and best practices

Information Technology Consultant

Shahid Bahonar Copper Industries Co. (CSP) | *October 2023 - July 2024 Tehran, Tehran Province, Iran*

Directed network infrastructure optimization and implemented intelligent monitoring solutions for large-scale industrial operations. Developed predictive maintenance systems and automated network management protocols to enhance operational efficiency and minimize downtime.

IT Manager

Shahid Bahonar Copper Industries Co. (CSP) | *April 2017 - February 2023 Kerman Province, Iran*

Managed comprehensive IT operations for major industrial corporation, overseeing network infrastructure, system upgrades, and technology strategic planning. Led digital transformation initiatives and established foundation for future AI integration across operational systems.

Network & Communications Manager

Navaco Information Technology Co. | *October 2016 - March 2017 Tehran Province, Iran*

Directed network architecture and communications infrastructure for technology services company, focusing on performance optimization and scalability planning for growing client base.

IT Manager

Global Petro Tech | *October 2010 - November 2011 Tehran Province, Iran*

Managed mission-critical communication systems for offshore oil drilling operations, ensuring reliable satellite connectivity and data flow across geographically distributed field locations. Maintained high availability standards for safety-critical systems.

Chairman of the Board

Persia Telecom Co. | *May 2004 - December 2010 Tehran, Iran*

Provided executive leadership and strategic governance for telecommunications company, establishing corporate governance frameworks and driving strategic technology adoption initiatives. Led board-level decision making for major infrastructure investments and market expansion strategies.

IT Manager

Iranian Offshore Engineering and Construction Company (IOEC) | *January 1997 - September 2010*

Tehran Province, Iran

Built comprehensive network infrastructure from foundation level for major oil and gas engineering firm with 1,200+ personnel across international operations. Established enterprise-class IT systems and maintained operational excellence throughout 13-year tenure in rapidly evolving technological landscape.

IT Manager

HEPCO (Heavy Equipment Production Co.) | *October 1992 - January 1997 Tehran Province, Iran*

Led major technology modernization initiative, migrating enterprise systems from legacy mainframe architecture to distributed PC-based solutions. Designed and implemented integrated software solutions across financial, sales, and inventory management systems for 800+ employee manufacturing organization.

Education & Certifications

Bachelor's Degree, Electrical Engineering *University of Tehran* | 1985-1991

Professional Certifications:

- Microsoft Azure for Data Engineering
 - Azure Administration Essential Training (2019)
 - Data Storage in Microsoft Azure
 - Networking and Administration Fundamentals
 - Kubernetes: Native Tools
 - Information Security Management Systems (ISMS)
-

Technical Proficiencies

Programming Languages: Python, SQL, JavaScript, Shell Scripting **AI/ML Frameworks:** TensorFlow, PyTorch, Scikit-learn, Hugging Face Transformers **Cloud Platforms:** Microsoft Azure, Kubernetes, Docker **Infrastructure:** Cisco Networking, VMware, Linux/Windows Server Administration **Databases:** PostgreSQL, MySQL, MongoDB, Redis **Development Tools:** Git, Docker, CI/CD Pipelines, API Development

Languages

- **Persian:** Native

- **Azerbaijani:** Native
 - **English:** Professional Working Proficiency
 - **German:** Limited Working Proficiency
-

Professional Philosophy

Committed to leveraging emerging artificial intelligence technologies to solve complex business challenges while maintaining the highest standards of security, reliability, and operational excellence. Passionate about bridging traditional IT infrastructure expertise with cutting-edge AI capabilities to create transformative solutions for enterprise environments.