Abbas Alimehr

IT Consultant | Network, Security & Data Center Expert

About Me

I'm Abbas Alimehr — a hardware engineering graduate from Islamic Azad University with over 30 years of hands-on experience in IT infrastructure across industrial and enterprise environments. My expertise spans secure network architecture, data center operations, and telecommunication systems tailored for high-demand sectors.

Throughout my career, I've led IT initiatives for factories, corporations, and public-facing businesses, delivering scalable, resilient, and future-ready solutions. I continuously refine my skills through certifications, technical seminars, and real-world problem-solving to stay ahead in the evolving tech landscape.

I value precision, reliability, and strategic thinking — whether designing cross-platform systems, optimizing workflows, or mentoring teams. My approach blends deep technical knowledge with practical execution, always aligned with business goals.

Skills

- TCP/IP & Wireless Networking
- MicroTik & Cisco Technologies
- BMS Systems
- Adobe Systems & Sound Forge
- Microsoft Office Suite
- DevOps & CI/CD Workflows
- Python for Automation
- Agile / Scrum Methodologies
- UX/UI Awareness
- Power BI & Data Visualization
- Cloud Architecture (Azure & AWS)
- Leadership & Strategic IT Planning
- Technical Documentation
- Vibe Coding & AI-Assisted Development
- Network Security & Engineering
- Routing & Switching
- Telecommunication Systems
- Virtualization & Data Centers
- Windows Server & Active Directory
- Linux & Cloud Computing
- Firewall & Antivirus Solutions
- VOIP, Asterisk & Elastix
- Web Design (HTML5, WordPress, Joomla)
- Microsoft & Apple Technologies
- SQL Server & Exchange
- Project Planning & Management
- Graphics & Media Tools

Work Experience

➢ **Chair Manager – Rayan Pars Co. (1993–Present)**
Leading Network Infrastructure, Telecommunication Systems, and IP Camera Installations for Industrial Clients Across Iran.

➢ **Expert Sales – DAC Co. (1999–2000)**
Worked in Commercial IT Sales and Client Support.

➢ **Support Official – Saveh Rolling Co. (2001–2009)**
Implemented Data Center Infrastructure, Telecommunication systems, and Factory-wide Network Solutions Including Rittal and CMC projects.

➢ **IT Manager – Safa Industrial Group (2009–2015)**
Led IT Operations for a Major Industrial Conglomerate with Over 5000 Employees and 4 million Tons Annual Production Capacity Across Steel, Energy, and Construction Sectors.

➢ **IT Consultant – Noorpan Group (2010–2016)**
Provided IT Solutions for a Leading Manufacturer of Aluminum and UPVC Doors and Windows in Iran.

➢ **IT Consultant – Mefbas Group (2011–Present)**
Global Non-Profit Focused on Empowering Users and Shaping the Future of the Web Through Digital Freedom and Public Good.

➢ **Chairman of the Board – Vadex (2012–Present)**
Overseeing Strategic Direction and Technical Development in Industrial and Infrastructure Sectors.

- **IT Consultant – Petro Fanavaran Kavir (2015–2017)**

Supported Procurement and Engineering for Oil, Gas, Petrochemical, and Power Plant Projects with International Standards.

- **Member of the Board – Bartak Group (2018–Present)**

Strategic Planning and Technical Leadership in Electrical and Infrastructure Projects.

- **IT Manager – Dineh Iran Industries Complex (2019–2021)**

Managed IT systems for One of Iran's Leading Producers of Herbal Medicines Across Multiple Departments.

- **IT Manager – Shirin Noosh Tejarat (2020–Present)**

A Specialized Trading Company Focused on the Exclusive Import and Export of Bananas and Rare Fruits Across International Markets. The Company Operates Under Strict Quality and Logistics Standards, Handling High-Volume Shipments and Niche Produce with Precision and Care.

- **IT Consultant – Elba Café & Restaurant (2019–2022)**

Provided IT Support and Infrastructure for an Italian-Style café and Restaurant.

- **IT Consultant – T1 Restaurant (2022–Present)**

Supporting IT Systems for a Collection of Iranian and International Restaurants.

- **IT Consultant – Amvaj Plaza Restaurant (2023–Present)**

Multicultural Restaurant Offering Iranian and Global Menus, Supported by Modern IT Infrastructure.

- **IT Consultant – Kimialand (2024–Present)**

Ab Shodeh Kimia, Based in Tehran's Grand Bazaar (Gold & Jewelry Bazaar), Specializes in Wholesale Trading of Melted Gold, Silver, and Various Coins.

- **Network Consultant and Manager – Ide Form Pooya Company (2023–Present)**

An Experienced Company Specializing in Interior Architecture, Luxury Decoration, and the Production of Office, Residential, Retail, and Partition Furniture Systems.

Education & Certifications

- ✓ **Bachelor of Hardware Engineering – Islamic Azad University (1995–1999)**
  Studied Computer Hardware Engineering with a Focus on Network Systems and Industrial Computing.
- ✓ **CompTIA Professional Certifications – A+, Network+, Security+ (2004-2006)**
  Comprehensive understanding of hardware, networking, and cybersecurity fundamentals, including installation, configuration, troubleshooting, and security best practices in enterprise environments.
- ✓ **MCSE – Microsoft Certified Systems Engineer (2009)**
  Expertise in Windows Server Infrastructure, Active Directory, and Enterprise-Level System Management.
- ✓ **CCNP – Cisco Certified Network Professional (2010)**
  Advanced Certification in Routing, Switching, and Network Troubleshooting Across Enterprise Environments.
- ✓ **Virtualization Technologies – VMware & Hyper-V (2018)**
  Hands-on Experience with Virtualization Platforms, Including Deployment, Resource Optimization, and Migration Strategies.
- ✓ **MikroTik Certifications – MTCNA, MCTWE, MTCUME, MCTIPv6E, MTCRE, MTCINE, MTCTCE (2019–2023)**
  Comprehensive Training in MikroTik Technologies, Covering Network Fundamentals, Wireless Engineering, User Management, IPv6 Routing, Traffic Control, and Advanced Internetworking Strategies.
- ✓ **LPIC – Linux Professional Institute Certification (2020)**
  Comprehensive Training in Linux System Administration, Shell Scripting, and Open-Source Technologies.
- ✓ **Artificial Intelligence & Machine Learning – Online Courses (2022)**
  Courses Covering Neural Networks, Data Modeling, and Intelligent Automation for IT Systems.
- ✓ **Cybersecurity Fundamentals – Internal Training (2023)**
  Practical Knowledge in Firewall Configuration, Secure Network Design, and Threat Mitigation Strategies.
- ✓ **Cloud Infrastructure – Microsoft Azure & AWS (2024)**
  Understanding of Cloud Architecture, Deployment Models, and Hybrid Infrastructure Integration.
- ✓ **Project Management Essentials – Technical Leadership (2025)**
  Experience in Planning, Executing, and Managing IT Projects with Cross-Functional Teams and Industrial Clients.

Projects

- Over the Past Three Decades, I have Successfully Delivered More Than 100 IT Projects Across Various Industries, Ranging from Small Businesses to Large-Scale Industrial Enterprises. My Project Involvement Typically Spans the Entire Lifecycle from Initial Consultation and Infrastructure Planning to Implementation, Configuration, and Long-term Support.

- Infrastructure Design & Implementation: Structured Cabling, Rack Installation, Power Planning, and Physical Network Layout Tailored to Client Environments.

- Surveillance & Security Systems: Installation and Configuration of CCTV Systems, Access Control, and Integration with Network Infrastructure.

- Server Deployment: Installation, Cabling, and Configuration of Physical and Virtual Servers, Including Financial, Accounting, and ERP Systems.

- VOIP & Telephony: Full Setup of VOIP Servers, Patch Panel Termination, and Deployment of Asterisk / Elastix Systems for Internal and External Communication.

- Network Configuration: Advanced Switch Configuration (Cisco, MikroTik), VLAN Setup, Routing, Firewall Implementation, and Secure Remote Access.

- Wireless Solutions: Design and Deployment of Wireless Mesh Networks, Centralized Management Using MikroTik CAPsMAN, and Signal Optimization.

- Virtualization: Deployment of Virtual Machines and Hypervisors (VMware, Hyper-V), Including Resource Allocation, Backup Strategies, and High Availability.

- IT Consulting & Technology Strategy: Acting as a Senior Advisor to Executive Leadership, Providing Guidance on Adopting Modern Technologies to Optimize Business Operations and Reduce Costs.

- IT Handover & Training: Delivering Fully Operational Systems to in-House IT Teams, Along with Documentation and Training for Ongoing Management.

- On-Demand Support & Maintenance: Long-term Support Contracts and ad-hoc Troubleshooting for Clients, Ensuring System Stability and Business Continuity.

My Goal Goes Beyond Simply Implementing Technology, I Design Infrastructures that Align with Your Business Strategy and Cover All Technical and Operational Needs, I Don’t Claim to be the Best, But When a Project is Entrusted to Me, I Approach it With Precision, Thorough Research, and Up-to-Date Expertise to Deliver the Most Suitable Solution. The Result is Often so Reliable, Well-Tailored, and Future-Proof that There’s no Need for Revisions or External Alternatives — Whether You're a Startup with Basic Requirements or a Large Organization with Complex Systems.

Contact

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