

# Omid Samir

- ◉ **BirthDay:** 15/03/1990
- ◉ **Marital Status:** Single
- ◉ **Gender:** Male
- ◉ **Mobile:** +98 912 5036724
- ◉ **Phone:** +98 21 88610673
- ◉ **Fax Number:** +98 21 88610675
- ◉ **E-mail Address:** [me@omidx.com](mailto:me@omidx.com)
- ◉ **Website:** <http://www.omidx.com>
- ◉ **Linkedin:** <https://ir.linkedin.com/in/omidx>
- ◉ **Address:** Vanak, Tehran, IRAN
- ◉ **Military service status:** Exempt

Network engineer with extensive experience in building, managing, and troubleshooting IT systems for clients of various sizes and necessities. Skills include the ability to manage all aspects of the client's server and to work with colleagues to improve the efficiency of internal IT systems. My experience working in different capacities of network management has developed my skills and hold my attention to detail, ability to multi-task and dedication to effectiveness. I understand what a vital role the network engineer of any company plays, and I am committed to exceeding all standards in my performance.



## Education



### Doctor of Philosophy (PHD), Computer Engineering

✓ Computer Networks & Secure Computing / Islamic Azad University

Tehran/IRAN  
2022 – Present



### Master's Degree, Information Technology Engineering

✓ Electronic commerce / Islamic Azad University / Avg:17.42

Tehran/IRAN  
2016 – 2018



### Bachelor's Degree, Information Technology Engineering

✓ Information Technology / Islamic Azad University / Avg:17.20

Tehran/IRAN  
2011 – 2015



### Diploma in Mathematics & physics

✓ Mathematics & physics / Atomic Energy High School (Dr. Hashtroudi) / Avg:16.40

Tehran/IRAN  
2004 – 2008

## Detailed Skills & Expertise

- ❖ NETWORKING ★★★★★★
- ❖ SWITCHING ★★★★★★
- ❖ ROUTING ★★★★★★
- ❖ WIRELESS NETWORKS ★★★★★★
- ❖ SERVER HARDWARE ★★★★★★
- ❖ DATA CENTER ARCHITECTURE ★★★★★★
- ❖ VIRTUALIZATION ★★★★★★
- ❖ STORAGE DEVICES ★★★★★★
- ❖ BACKUP SYSTEMS ★★★★★★
- ❖ MONITORING SOFTWARES ★★★★★★
- ❖ WEB HOSTING ★★★★★★
- ❖ DEVOPS ★★★★★★
- ❖ WEB DEVELOPMENT ★★★★★★

### Switching and Routing:

- ❖ Routing Skills: Cisco Pfr, OSPF, OSPFv2 & v3, EIGRP, BGP & MP-BGP, VRF, NHRP.
- ❖ Switching Skills: VSS, MEC, vPC, FHRP, STP, Switching Security Mechanisms.
- ❖ Security Skills: IPsec, dot1x, VPN Technologies, IDS, IPS, IOS Firewall, etc.
- ❖ MPLS Skills: MPLS TE, RSVP TE, LDP, TDP, Targeted.
- ❖ QoS Skills: Policing, Shaping, Rate Limiting, Prioritizing, etc.

### Cloud and Server:

- ❖ Managing and Maintaining the HPE DL, ML & BL Series, DELL & Supermicro Servers.
- ❖ Virtualization Skills: VMware vSphere 5, 5.1, 5.5, 6, 6.5, 6.7, 7.
- ❖ Virtualization Advanced Skills: Configure HA, DRS, vDS, vCHA, vSAN, vFRC, ,...
- ❖ Linux Skills: RedHat, CentOS, Debian, Ubuntu (Apache, Nginx, MySQL, Bind, ProFTP, PureFTP and etc.)
- ❖ Microsoft Skills: Windows Sever 2003, 2008, 2012, 2016, 2019 & 2022 (DNS, AD, DHCP, DFS, FCM, ARR, WSUS, Exchange, IIS, SQL Server and etc.)
- ❖ Project Skills: Project Management & Planning.
- ❖ Web Hosting CPs: WHMCS, CPanel, Directadmin, LXAdmin & Plesk.
- ❖ Backup Systems: Symantec Backup, Veeam Backup & Acronis Backup
- ❖ Monitoring Systems: PRTG, SolarWinds, VeeamONE, Cacti & Grafana.
- ❖ DevOps Skills: Docker & Kubernetes.

### UTM & Firewalls:

- ❖ Cyberoam UTM
- ❖ Sophos ASG, SG & XG Series.
- ❖ Kerio Control
- ❖ Microsoft TMG

### Web Development:

- ❖ HTML/HTML5/xHTML/CSS/CSS3
- ❖ PHP/MySQL
- ❖ Wordpress



## Work History



**Arian server**  
CEO & Founder

Tehran/IRAN  
2013 - 2017

### Description:

Speciality includes VMware ESXi, VCSA, HA, DRS, Cisco, MikroTik.

- ✓ Maintained 99.9% System uptime
- ✓ Managed CentOS & Ubuntu Linux servers both physical and virtual
- ✓ Managed 2003, 2008 r2, 2012 r2 and 2016 Windows servers both physical and virtual
- ✓ Designed, documented and implemented all VMWare ESXi server configurations and builds from proof of concept to full production implementation.
- ✓ Worked with VMware vCenter/VCM for system monitoring, inventory control and Reporting.
- ✓ Provided full support for over 250 virtual machines running on 10 ESXi servers across 3 site.
- ✓ Designed and lead the implementation of ESXi DRS and HA clusters.
- ✓ Updates and monitors security systems of network infrastructure.



**Central Organization of Islamic Azad University (IAU CO)**  
Head of Network infrastructure Department

Tehran/IRAN  
2017 - 2022

### Description:

Speciality includes VMware, Brocade, HPE, NetApp, EMC, DellEMC, Cisco, MikroTik, Ubiquiti Linux & Windows Services.

- ✓ Design and implementation of network security based on Sophos, configuration of rules and policies related to firewall, WAF, IPS/IDS, Email Protection and Site-To-Site VPN connection between the data center of the central organization with Pardis and Milad data centers.
- ✓ Design and implementation of the network of data centers of the central organization in the main site, Pardis site and Milad site, creation of DMZ area, design based on TOR and spine-and-leaf model.
- ✓ Design and implementation of LAN and wireless network for users in buildings 1, 2, 3, 5, 6, Aftab, Farhikhtegan Hotel based on the Cisco three-layer standard model, complete separation of the wireless network from the internal network.
- ✓ Design and implementation of radio communications between the buildings of the central organization and the main site.
- ✓ Implementation of the Internet user management system to manage the bandwidth and the time period of Internet usage during office hours to manage the Internet bandwidth.
- ✓ Design and implementation TCP/IP, UDP, internet, & intranet routing, switching, & bridging functions in LAN, WAN, MPLS, & VPN environments.
- ✓ Designing and implementing MPLS network communications with the government network, NIX and Financial institutions.
- ✓ Implementation Administered all Microsoft Services, including DNS, AD, DHCP, DFS, FCM, ARR, WSUS, Exchange & GPO's.
- ✓ Designing and implementing a national email server to serve faculty members, Master and PHD students and IAU Branches based on Exchange Server 2019.
- ✓ Implementation Administered all Linux Services, including NTP, Bind, HAproxy, Apache, NGINX, MySQL, MariaDB.
- ✓ Design and implementation of data center virtualization based on VMware ESXi.
- ✓ Designed & lead the implementation of vSphere EVC, vDS, DRS, SDRS, vSAN Stretched clusters & HA clusters.
- ✓ Provided full support for over 350 virtual machines running on 50 ESXi servers across 3 sites.
- ✓ Design and implementation of VMWare Stretched clusters, vSAN ready nodes, SDDC workload domains.
- ✓ Implemented vSphere replication technologies using Veeam availability suite.
- ✓ Designed & lead the implementation Infrastructure Monitoring with Zabbix & PRTG, use GRAFANA for Visualization.
- ✓ Configuration & planning server's backup with Veeam BR & Backup Exec with offline backup for Ransome attacks.
- ✓ Create new VMware & Microsoft standards, adhering to IT security standards & best practice.

Involved in the management & troubleshooting of Server, Storage & Tape backup devices including HPE DL & ML Series, EMC VNX, HP MSA, NETAPP FAS Series & T&berg & Quantum Scalar tape libraries, tasks included:

- ✓ Initial setup & configuration
- ✓ Allocation, Deallocation & LUN sharing
- ✓ Flash copy & replication & LUN migration
- ✓ Firmware update, health checks & break fixes



**Ronin CO**  
Infrastructure and network consultant

Tehran/IRAN  
2019 – 2022

**Description:**

- Speciality includes VMware ESXi, VCSA, HA, DRS, Windows Services, Cisco, MikroTik.
- ✓ Design & implementation of edge networks on client side with MikroTik Routers, & Cisco switches.
  - ✓ Implementation of the Internet user management system to manage the bandwidth and the time period of Internet usage during office hours to manage the Internet bandwidth.
  - ✓ Design and implementation TCP/IP, UDP, internet, & intranet routing, switching, & bridging functions in LAN, WAN & VPN environments.
  - ✓ Design and implementation of radio communications between the main building and the second building.
  - ✓ Implementation Administered all Microsoft Services, including DNS, AD, DHCP, DFS, FCM, WSUS, Exchange & GPO's.
  - ✓ Troubleshoot and updating the email server to the latest 2013 Cumulative update.
  - ✓ Designing and implementing a new email server based on Exchange Server 2019.
  - ✓ Design and implementation of data center virtualization based on VMware ESXi.
  - ✓ Designed & lead the implementation of vSphere EVC, vDS, DRS, HA clusters.
  - ✓ Implemented vSphere replication technologies using Veeam availability suite.
  - ✓ Configuration & planning server's backup with Veeam backup & Replication.
  - ✓ Regular HPE Server firmware updates to the latest version supported by the hardware.
  - ✓ Regular ESXi & VCSA version updates to the latest version supported by the hardware.
  - ✓ Regular Exchange server updates and installation of provided CUs and patches.



**Shahr Financial Group (Shahr Bank)**  
Infrastructure and network consultant

Tehran/IRAN  
2021 – 2022

**Description:**

- Speciality includes Linux & Windows Services.
- ✓ Linux web hosting server installation & security configuration.
  - ✓ NGINX web server configuration and MySQL database configuration and optimization.
  - ✓ Troubleshoot and updating the email server to the latest 2016 Cumulative update.
  - ✓ Designing and implementing a new email server based on Exchange Server 2019.
  - ✓ IPS/IDC and WAF configuration in ArvanCloud.

**Projects**



**Mobile Telecommunication Company of Iran (Towhid building)**  
Astellia Project, Server & Storage

Tehran/IRAN  
2019

**Description:**

- Speciality includes HPE Server & Storage Hardware.
- ✓ Installation and configuration of Blade C7000 servers with 460cG9 blades.
  - ✓ Installation and configuration of 3PAR SAN Storage 8440 vs 6 Enclosures.



**DG Shahr Online Shop (Shahr Bank)**  
Linux Administrator

Tehran/IRAN  
2022

**Description:**

- Speciality includes Linux Services.
- ✓ Linux web hosting server installation & security configuration.
  - ✓ NGINX web server configuration and MySQL database configuration and optimization.
  - ✓ Load balancing between web servers using HAproxy.
  - ✓ IPS/IDC and WAF configuration in ArvanCloud.

## Other Projects

- ❖ **Gohar Institute**  
Linux Web Hosting  
Tehran/IRAN  
2015
- ❖ **SDKA design studio**  
Linux Web Hosting  
Tehran/IRAN  
2016
- ❖ **Hamshahri newspaper**  
Linux Web Hosting  
Tehran/IRAN  
2016
- ❖ **IAU CO Buildings (BL1-6)**  
Network design and implementation  
Tehran/IRAN  
2017
- ❖ **IAU CO Datacenter - Main Site**  
Network design and implementation  
Tehran/IRAN  
2017
- ❖ **IAU CO Datacenter - Pardis Site**  
Network design and implementation  
Tehran/IRAN  
2017
- ❖ **Islamic Azad University Kish International Branch**  
Network & Server Room design and implementation  
Tehran/IRAN  
2018
- ❖ **IAU CO - Ferdowsi Building**  
Network design and implementation  
Tehran/IRAN  
2018
- ❖ **IAU Creative Schools**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **IAU CO - Aftab Building**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **Islamic Azad University Fereshtegan International Branch**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **Islamic Azad University Farshchian Branch**  
Network design and implementation  
Tehran/IRAN  
2019
- ❖ **IAU CO Datacenter - Milad Site**  
Network design and implementation  
Tehran/IRAN  
2020

## Certificates

❖ <b>Cisco CCNA</b> Certificate ID: 105017	Cyber Tech 2013
❖ <b>Cisco CCNP Switch</b> Certificate ID: 105671	Cyber Tech 2013
❖ <b>Cisco CCNP Route</b> Certificate ID: 206609	Cyber Tech 2016
❖ <b>Microsoft MCSE</b> Certificate ID: 221436	Faraznet 2016
❖ <b>Veeam Backup &amp; Replication Expert</b> Certificate ID: TCN-0001246	Tosinso 2021
❖ <b>Splunk Expert</b> Certificate ID: TCN-0001247	Tosinso 2021
❖ <b>Kubernetes Expert</b> Certificate ID: TCN-0001246	Tosinso 2022
❖ <b>Career Essentials in Project Management</b> Certificate ID: bb16597bb6e5e131da27ccd8aa91bb528bdc040820668b3043d4d855e52d3841	Microsoft 2022
❖ <b>Career Essentials in Software Development</b> Certificate ID: ab2c9cb43f08677caa6936767323d80a76a48fb0072c65f3814198719d5f58b7	Microsoft 2022
❖ <b>Career Essentials in System Administration</b> Certificate ID: e713be6365de3991614bd73246a1d64f4011277ce457a8cf6315ba012ec2b279	Microsoft 2022
❖ <b>Career Essentials in Administrative Assistance</b> Certificate ID: b91fa32c606b2688fda7b4a5fd7edbd60e52b8b79b54b1964674c2a0e83898fa	Microsoft 2022
❖ <b>Introduction to Career Skills in Software Development</b> Certificate ID: AXk7HkzPVKseGWWHqG8LdthXm9mM	LinkedIn 2022
❖ <b>Programming Foundations: Beyond the Fundamentals</b> Certificate ID: AYNzJg6n7vPYnexRKZB74ESPp9Rz	LinkedIn 2022
❖ <b>Programming Foundations: Fundamentals</b> Certificate ID: AaNDNrpKMalxheajFj_Sfmjf_-L5	LinkedIn 2022
❖ <b>OWASP Top 10</b> Certificate ID: Ab6tRZ0fg3pQkhyij_36B2ZjwJ4M	LinkedIn 2022
❖ <b>Python</b> Certificate ID: AbVYV5OZ7Usuj_fo-k1Xzn5GAWIU	LinkedIn 2022
❖ <b>Project Management Foundations</b> Certificate ID: AVcU8f1hpzE9XTtzQE7unrmU73-x	LinkedIn & NASBA & PMI 2022



Field of Study: Business Management & Organization  
 Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
 Certificate No: AV-0aWSyQI5UsAZwwlVxZN5jZXWT  
 Continuing Professional Education Credit (CPE): 8.60



Program: PMI® Registered Education Provider | Provider ID: #4101  
 Certificate No: AVcU8f1hpzE9XTtzQE7unrmU73-x  
 PDUs/ContactHours: 3.25 | Activity #: 4101W8GM3A

❖ **Project Management Foundations: Ethics**

Certificate ID: AYnA8a060IcPm6rkyO4HGVenm2Ic

Linkedin & NASBA & PMI  
2022



Field of Study: Behavioral Ethics  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: AeK4RDMJFCeGwRFhjtWk7d711O7p  
Continuing Professional Education Credit (CPE): 1.80



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AYnA8a060IcPm6rkyO4HGVenm2Ic  
PDU/ContactHours: 1.25 | Activity #: 41019G100X

❖ **Project Management Foundations Requirements**

Certificate ID: AQJstKU3iZW3xbsIHFRNaG0FJP6j

Linkedin & NASBA & PMI  
2022



Field of Study: Management Services  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: Aa1FiSXXRBwUhhPw54kT9aMgslcs  
Continuing Professional Education Credit (CPE): 1.40



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AQJstKU3iZW3xbsIHFRNaG0FJP6j  
PDU/ContactHours: 0.25 | Activity #: 4101ZQ76OD

❖ **Project Management Foundations: Schedules**

Certificate ID: AXgXtowu0bbmAzWji2cLvXwtkeKf

Linkedin & PMI  
2022



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AXgXtowu0bbmAzWji2cLvXwtkeKf  
PDU/ContactHours: 2.00 | Activity #: 41012Q4G32

❖ **Project Management Foundations: Budgets**

Certificate ID: ASXl6Hc5fAVBN5Cz8l3ZbGd2ko53

Linkedin & NASBA & PMI  
2022



Field of Study: Management Services  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: AeLBaWMU\_40OVRTgwwGD8-bACfxl  
Continuing Professional Education Credit (CPE): 2.00



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: ASXl6Hc5fAVBN5Cz8l3ZbGd2ko53  
PDU/ContactHours: 1.00 | Activity #: 410108UXCC

❖ **Project Management Foundations: Teams**

Certificate ID: Ab-bFpW\_p-VR5WwZeGbRfjmd2XWI

Linkedin & NASBA & PMI  
2022



Field of Study: Management Services  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: AVYUQjA80KD2UvaPejoyl7Zn6bpp  
Continuing Professional Education Credit (CPE): 0.50



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: Ab-bFpW\_p-VR5WwZeGbRfjmd2XWI  
PDU/ContactHours: 0.25 | Activity #: 41016UXEQ0

❖ **Project Management Foundations: Communication**

Certificate ID: ARRgvj46ZL2-cL-kTo6xfXBGyZ00

Linkedin & NASBA & PMI  
2022



Field of Study: Communications and Marketing  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: AdRKTC4jSSRXBhbi2wS2cwKf2VMA  
Continuing Professional Education Credit (CPE): 1.80



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: ARRgvj46ZL2-cL-kTo6xfXBGyZ00  
PDUs/ContactHours: 1.00 | Activity #: 4101QGFARX

❖ **Project Management Foundations: Risk**

Certificate ID: AcgCnlztpzMejn5fk\_ENMqPVi-q

Linkedin & PMI  
2022



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AcgCnlztpzMejn5fk\_ENMqPVi-q  
PDUs/ContactHours: 1.25 | Activity #: 4101RLET5X

❖ **Managing Project Stakeholders**

Certificate ID: AfxHPGbbqofLqJG2ujp6f4k4kKr

Linkedin & NASBA & PMI  
2022



Field of Study: Business Management & Organization  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: AeNs0MR6hhfulYNGY6p\_RooMxCTR  
Continuing Professional Education Credit (CPE): 0.50



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AfxHPGbbqofLqJG2ujp6f4k4kKr  
PDUs/ContactHours: 0.25 | Activity #: 41013CHZXH

❖ **Communication Foundations**

Certificate ID: AeXdiltV7dNXeDST-pN4LLO\_umQt

Linkedin & NASBA & PMI  
2022



Field of Study: Communications and Marketing  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: ARnQdbbRIRs2B-hDiOovjK7kv9Rm  
Continuing Professional Education Credit (CPE): 3.40



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AeXdiltV7dNXeDST-pN4LLO\_umQt  
PDUs/ContactHours: 1.25 | Activity #: 4101AO4P8M

❖ **Time Management Fundamentals**

Certificate ID: AVAfjN6KJ2cFo3tObevnWrW7XI9p

Linkedin & NASBA & PMI  
2022



Field of Study: Personal Development  
Program: National Association of State Boards of Accountancy (NASBA) | Registry ID: #140940  
Certificate No: Ae-SP6cvZKL7Ejno1yWtGrLUBxll  
Continuing Professional Education Credit (CPE): 4.80



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: ARIZ8E2RQLTYxFMDWXhSUWlgxj5m  
PDUs/ContactHours: 1.75 | Activity #: 41018YN409

❖ **Note-Taking for Business Professionals**

Certificate ID: AdS0iTZ1h6SGahspVKgrzzTiVJLD

LinkedIn & PMI  
2022



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AVAfjN6KJ2cFo3tObevnWrW7XI9p  
PDU/ContactHours: 0.75 | Activity #: 4101TKO00Q

❖ **Getting Started with Microsoft 365**

Certificate ID: AZgXyIn5FUF5Q9sFdvAzLM-1B75E

LinkedIn  
2022

❖ **Collaborating with Microsoft 365**

Certificate ID: Aa9Ik0kjpqHqI4n2GIZQACIn7Ks

LinkedIn  
2022

❖ **Optimizing Your Work with Microsoft 365**

Certificate ID: AdZPltXZKFFxdEAfn9OYSqwc-Spw

LinkedIn  
2022

❖ **Managing Projects with Microsoft 365**

Certificate ID: AdS0iTZ1h6SGahspVKgrzzTiVJLD

LinkedIn & PMI  
2022



Program: PMI® Registered Education Provider | Provider ID: #4101  
Certificate No: AdS0iTZ1h6SGahspVKgrzzTiVJLD  
PDU/ContactHours: 0.75 | Activity #: 4101WMD4IX

❖ **Administrative Professional Tips**

Certificate ID: AVaoAkh5TvGCOBF\_PyKjtGB4BOey

LinkedIn  
2022

❖ **Administrative Professional Foundations**

Certificate ID: AQE\_5Q82MAJF\_4z27yVfHCc-37Vf

LinkedIn  
2022

❖ **Tips for Writing Business Emails**

Certificate ID: ATSuF6\_vGx1AWI4ck4vtvMu5Uxhz

LinkedIn  
2022

❖ **CompTIA A+ Core 1 (220-1101)**

Certificate ID: AY4OQMspm\_KIR6ttMlfDZo1og9z6

LinkedIn  
2022

❖ **CompTIA A+ Core 2 (220-1102)**

Certificate ID: AelZ\_Uyk7dNspIWWgE8MiCExBzKh

LinkedIn  
2022

❖ **CompTIA Network+ (N10-007)**

Certificate ID: AfCKrGtVaNbXHbCwLYzNpwXq7sMH

LinkedIn  
2022

❖ **The Fundamentals of Digital Marketing**

Certificate ID: E4S E7R 6DS

Google  
2022