



# Houman Sharifian-Alborzi

## NETWORK ADMINISTRATION

Montréal, Québec

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English - French

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### PROFILE

- ✓ Over ten years of experience in computer sciences
- ✓ Well versed in application development with good knowledge as a Network administrator
- ✓ Enthusiastic team worker with great sense of collaboration

### COMPUTER SKILLS

Operating Systems	Windows: 8.1, 10, 11, 2012R2, 2016, 2019, 2022 Linux: Ubuntu, Debian, CentOS, Fedora
Server Management	AD, DNS, DHCP, GPO
Cloud Technology	Azure Network Engineer Associate.
Email and Office management	MS Exchange 2019, Microsoft 365, OpenOffice
Remote access management	RDP, VNC Viewer, Team Viewer, Teams, Zoom
Backup and Restore	Windows Server Backup, Backup Exec, Veeam BK
System Deployment	ADK, MDT, SCCM 2203
System migration	Server 2012R2 to 2016 and 2016 to 2022
Virtualization	VMware ESXi, Hyper-V, Workstation et VirtualBox
Secure file shares	VPN, OpenVPN, SSH, OpenSSH, WinSCP, Samba
Networking	Configuring Cisco Routers and Switches
Programming Language	FrontEnd : HTML, Css, Javascript, React, Blavor BackEnd : C# (ASP.Net MVC), J2EE, Python, MATLAB
Data Bases	Access, SQL Server
Project Management	DevOps, ITIL

### THE PROJECTS AS A NETWORK ADMINISTRATOR

- **Inter-VLAN Routing and DHCP Configuration Lab**  
**Tools/Technologies:** Cisco Packet Tracer, Layer 3 Switch, Routers, DHCP  
**Description:** Designed and implemented a network with multiple VLANs, configuring inter-VLAN routing and centralized DHCP services to manage IP assignment across departments.  
**Key Skills:** VLANs, Inter-VLAN Routing, DHCP, Cisco IOS Commands
- **Active Directory and Certificate Authority Setup**  
**Tools/Technologies:** Windows Server 2019, Active Directory, CA, Group Policy  
**Description:** Deployed an AD Domain with user authentication and implemented a Certificate Authority to issue and manage user certificates, applying GPOs for policy enforcement.  
**Key Skills:** Active Directory, PKI, User Authentication, GPO
- **Network Infrastructure Simulation for a Small Office**  
**Tools/Technologies:** GNS3, Switches, Routers, Static & Dynamic Routing  
**Description:** Simulated a small office network using GNS3, including subnetting, OSPF routing configuration, and testing connectivity across multiple segments.  
**Key Skills:** Subnetting, OSPF, Troubleshooting, GNS3

## PROFESSIONAL EXPERIENCE

### Computer Technician (contract)

2023 -2024

*Novitek International, Montreal*

- Provide technical support and assistance to users
- Install, Configure and Manage: Linux, Windows 10, 11, Server 2016, 2019, 2022
- Virtualize operating systems with Hyper-V, ESXI
- Create and manage accounts in Active Directory
- Deploy software and operating systems with MDT, SCCM and GPO
- Configure Samba and file sharing between Linux and Windows
- Use SSH, OpenSSH, OpenVPN, and WinSCP for secure remote access
- Backing up and restoring data: Windows, Veritas, Veeam Backup

### Full Stack Developer

2007-2022

*Refah Bank, Iran*

- Develop and maintain web applications using C#.net
- Design and implement a responsive user interface using HTML, CSS, and JavaScript
- Contribute to the development of a mobile app using React Native for Bank
- Collaborate with cross-functional teams to create a cloud-based enterprise
- Implement RESTful APIs and integrate third-party APIs
- Design and optimize SQL queries and database schema
- Implement authentication and authorization mechanisms using OAuth2 and JWT for a secure

### Computer Technician

2004-2007

*Tadvin Farayand Company, Iran*

- Supply maintenance network equipment and add new computers to the network (Workgroup network)
- Assist in the development of an ERP system using Visual basic.net
- Support senior developers and taught the apps to customers

## CERTIFICATES

**CCNA:** Enterprise Networking, Security, and Automation

2025

**RedHat Academy:** RedHat System Administration

2025

**CCNA:** Introduction to Networks

2024

**Google:** Technical support fundamentals

2024

## OTHER ACTIVITIES

### General Work Inventory

2023 to date

*Walmart, Brossard*

## EDUCATION & TRAINING

### Network administration

2024 to date

*John abbott College, Montreal*

### Master's Degree in Computer and Computer Engineering\*

2022

Master's Degree in Computer Engineering, Artificial Intelligence and Robotics

*Université Azad, Iran 2019*

### Bachelor's degree in Computer and Computer Engineering\*

2022

Bachelor's Degree in Software Engineering, Azad University, Iran 2011

### French Course

2024

*MIFI, Montreal*

\* *Comparative evaluation for studies taken outside Quebec*