



Maher Abdelshkour

IT Manager @ Geldbach Gruppe GmbH | CCNP R&S, CCNA Security

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- I am Maher Abdelshkour, an experienced Information Technology professional with 25 years of expertise in various aspects of the field. Over the years, I have honed my skills in providing effective and efficient solutions for complex and diverse IT challenges as a seasoned IT manager. Currently, I lead the IT staff at Geldbach Gruppe GmbH, a prominent provider of pipeline and plant engineering solutions.
- My core competencies include:
 - - Network security - System administration - Hardware evaluation - Incident analysis and recovery - Project management
- I have an in-depth knowledge and experience with various security infrastructure components such as IPS, Cisco routers and ASA firewalls, IDS, log management, and security assessment systems. My expertise in Unix/Linux system configuration and administration covers DNS, Apache, MySQL, Postfix, and other applications.
- Multiple Cisco certifications, including CCDA, CCNA R&S, and CCNA Security, have earned me recognition as a Cisco Geek and a Cisco Champion for Enterprise Networks. I am passionate about staying abreast of the latest IT trends and technologies and actively share my knowledge and expertise with the IT community.
- Incorporating Generative AI expertise, I am continuously improving my skills and knowledge in cutting-edge technologies such as AI and Machine Learning, enabling me to stay at the forefront of innovation within the IT industry.

EXPERIENCE

Geldbach Gruppe GmbH, Gelsenkirchen

August 2015 - Present

IT Manager

- Accomplishes information technology staff results by communicating job expectations; planning, monitoring, and appraising job results; coaching, counseling, and disciplining employees; initiating, coordinating, and enforcing systems, policies, and procedures.
- Maintains staff by recruiting, selecting, orienting, and training employees; maintaining a safe and secure work environment; developing personal growth opportunities.
- Maintains organization's effectiveness and efficiency by defining, delivering, and supporting strategic plans for implementing information technologies.
- Directs technological research by studying organization goals, strategies, practices, and user projects.
- Completes projects by coordinating resources and timetables with user departments and data center.
- Verifies application results by conducting system audits of technologies implemented.
- Preserves assets by implementing disaster recovery and back-up procedures and information security and control structures.
- Recommends information technology strategies, policies, and procedures by evaluating organization outcomes; identifying problems; evaluating trends; anticipating requirements.
- Accomplishes financial objectives by forecasting requirements; preparing an annual budget; scheduling expenditures; analyzing variances; initiating corrective action.
- Maintains quality service by establishing and enforcing organization standards.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; benchmarking state-of-the-art practices; participating in professional societies.
- Contributes to team effort by accomplishing related results as needed.

SecuHost IT Solutions & Media Services, Kuala Lumpur

February 2014 - August 2015

Network Engineer / Information Security Analyst III

- Install and maintain security infrastructure, including IPS, CISCO Routers and ASA Firewalls, IDS, log management, and security assessment systems. Assess threats, risks, and vulnerabilities from emerging security issues. Publish Security Updates newsletter for technical groups. Draft enterprise security standards and guidelines for system configuration. Managed process and acted in the lead role for computer security incident response team. Perform and create procedures for system security audits, penetration-tests, and vulnerability assessments. Develop scripts to maintain and backup key security systems.

Webatme, United Arab Emirates

May 2007 - January 2014

Network Engineer / Information Security Analyst III

- Provide technical leadership to the enterprise for the information security program. Mentor and train others in information security in addition to training for other technical groups. Install and maintain security infrastructure, including IPS, CISCO Routers and ASA Firewalls, IDS, log management, and security assessment systems. Assess threats, risks, and vulnerabilities from emerging security issues. Publish Security Updates newsletter for technical groups. Draft enterprise security standards and guidelines for system configuration. Managed process and acted in the lead role for computer security incident response team. Perform and create procedures for system security audits, penetration-tests, and vulnerability assessments. Develop scripts to maintain and backup key security systems.

EntireBiz, Stockholm

September 2004 - May 2006

Systems Administrator

- Recommended preventive, mitigating, and compensating controls to ensure the appropriate level of protection and adherence to the goals of the overall information security strategy. Assisted in the development of access-controls, separation of duties, and roles. Conducted technical risk evaluation of hardware, software, and installed systems and networks. Assisted with testing of installed systems to ensure protection strategies are properly implemented and working as intended. Assisted in incident response and recommend corrective actions. Communicated with personnel about potential threats to the work environment. Participated in forensic recovery and analysis. Participated in development and maintenance of global information security policy.
- Performed software and hardware system updates, backups, and security patches for 500 users. * Installed, configured, and maintained various systems, including mobile devices and VPN access. * Maintained daily system backups and data recovery of critical systems. * Installation, Configuration and Administration of Windows 2003/2000 File and Print Servers * Installation, Configuration and Administration of Linux servers * Installation, Configuration and Administration of DNS Server and DHCP Server * Installation, Configuration and Administration of ISA (Internet Security and Acceleration) Server * Installation, Configuration and Administration of RRAS and VPN * Installation, Configuration and Administration of Terminal Services and Remote Desktops * Installation, Configuration and Administration of MS Exchange Server 2003/2000 * Installation, Configuration and Administration of Web Servers (IIS and Apache); Administering and auditing Security of Systems and Network Resources * Disaster Recovery and Business Continuity Processes

Mengate, Stockholm

January 2000 - January 2004

IT Network & Security Analyst

- Maintained security of voice and data networks and equipment. Monitored and maintained physical and logical security and access to systems. Responsible for support of existing security policies and procedures, as well as creation and implementation of new security procedures. Risk assessment of partners. Presented options to management for the enhancement of DNS, firewall, modernization of firewalls, and inbound e-mail security and robustness. Assisted with the upkeep of network infrastructure including switches and load balancers. Assisted in migration of VPN concentrators to new project. Achievements include completing TruSecure enterprise certification, and development of incident handling procedures.

Nile Online, Egypt

January 1997 - January 2000

Systems Administrator

- Used previous experience in company to focus on securing information and systems. Trained and mentored employees in many job descriptions regarding security and system basics, best practices, etc. Documented exiting and in-development policies, procedures, and systems. Deployed distributed intrusion detection sensor network. Security lead on new product design team. Business continuity consulting. Developed into lead security person at company.
- Used knowledge of bind, apache, SSH, and security to retrofit existing systems and engineer new, improved security systems. Firewall creation and maintenance using Cisco ACL and Linux iptables.

EDUCATION

Cisco Networking Academy

January 2005 - January 2007

CCNP R&S

The American University in Cairo

Present

LANGUAGES

Arabic, English, German

CERTIFICATIONS

CCDA Cisco	<i>August 2016 - August 2019</i>
CCDP Cisco	<i>Present</i>
CCIP Service Provider Cisco	<i>Present</i>
CCNA R&S Cisco	<i>Present</i>
CCNA Security Cisco	<i>Present</i>
CCNP R&S Cisco	<i>Present</i>
CCNP Security Cisco	<i>Present</i>
CEH EC-Council	<i>Present</i>
Cisco ASA Specialist Cisco	<i>Present</i>
Cisco Firewall Security Specialist Cisco	<i>Present</i>
Cisco IOS Security Specialist Cisco	<i>Present</i>
Cisco IPS Specialist Cisco	<i>Present</i>
Cisco VPN Security Specialist Cisco	<i>Present</i>
Juniper Networks Certified Internet Associate Juniper Networks	<i>Present</i>
MCITP Windows Server 2008 R2, Virtualization Administrator Microsoft	<i>Present</i>
MCITP Dynamics CRM Microsoft	<i>Present</i>
MCITP Enterprise Administrator Microsoft	<i>Present</i>
MCITP Server Administrator Microsoft	<i>Present</i>

MCSA: Windows Server 2008

Present

Microsoft
[Show Credential](#)

MCSE Windows Server 2003

Present

Microsoft

PROJECTS

Moscow Data Center

September 2007

- Designing and Installation of Network Infrastructure, Data Center, Security and Surveillance system of Data Center for Head Office and Main Branch in Dubai.
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CaroScheibe GmbH

March 2017

- Designing and Installation of Network Infrastructure, Data Center, Security and Surveillance system of Data Center for Head Office and Main Branch at CaroScheibe GmbH in Merseburg, Germany.
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JM Jäger GmbH

September 2015

- Designing and Installation of Network Infrastructure, Data Center, Security and Surveillance system of Data Center for Head Office and Main Branch at JM Jäger GmbH in Stuttgart, Germany.
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Geldbach Gruppe GmbH

August 2015

- Designing and Installation of Network Infrastructure, Data Center, Security and Surveillance system of Data Center for Head Office and Main Branch at Geldbach Gruppe GmbH, Germany.
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Schlumberger

November 2012

- Complete designing and execution of LAN & Voice Network of 250 Users based on Lucent SCS with Optic Fiber Back Bone. At Saudi Pak Towers, Islamabad. Designing of Fire Alarm and Fire Suppression system for the above premises. Complete Designing Installation/ testing of Voice and Data network for 250+ users using Avaya SCS Cat-6 with Optical fiber back bone including designing of Data centers of new premises at Islamabad.
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UAE Office of Coordination of Foreign Affairs

May 2012

- Upgrade IT Network & Infrastructure
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Emirates Global Islamic Bank

January 2010

- Designing and Installation of Network Infrastructure, Data Center, Security and Surveillance system of Data Center for Head Office and Main Branch at Sheraton Hotel. Designing and Installation of Network Infrastructure and Data Centers for five branches in Karachi.
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Geldbach do Brazil

- Designing and Installation of Network Infrastructure, Data Center, Security and Surveillance system of Data Center for Head Office and Main Branch at Geldbach do Brazil, in Brazil and the connection to the main Branch office in Germany.
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PUBLICATIONS

IoT, from Cloud to Fog Computing

January 2015

Cisco

IoT, The Oppressed Project

January 2015

Cisco

Border Gateway Protocol (BGP)

January 2013

Facebook

PBR Configuration

January 2013

Facebook

Route Redistribution Explained

January 2013

Cisco Support Community

EIGRP and SIA error Message

January 2013

Cisco Support Community

Entendiendo de EIGRP

January 2013

Cisco Support Community

EIGRP in action – Basic configuration

January 2013

Cisco Support Community

Understanding EIGRP

January 2013

Cisco Support Community

Background on Network Security

January 2013

Facebook

How to configure IPSEC encryption with the Cisco IOS

January 2013

Facebook

Troubleshooting Cisco VTP

January 2013

Facebook

Virtual Routing & Forwarding

January 2012

Facebook

Open Shortest Path First – OSPF Fundamentals – DR and BDR

January 2011

Facebook

Understanding MPLS

Facebook

HONORS

Cisco Champion for Enterprise Networks 2019

January 2019

Cisco

- Cisco Champions is a global group of highly influential IT technical experts who enjoy sharing their knowledge, expertise, and thoughts across the social web and with Cisco. The Cisco Champions program encompasses people with interests across Cisco's technology portfolio, including Data Center, IoT, Enterprise Networks, Collaboration, and Security.
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Cisco Champion for Enterprise Networks 2018

January 2018

Cisco

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Cisco Champion for Enterprise Networks 2017

February 2017

Cisco

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Cisco Champion for Enterprise Networks 2016

January 2016

Cisco

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Cisco Champion for Enterprise Networks 2015

November 2014

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Cisco Champion for Enterprise Networks 2014

March 2014

Cisco

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Cisco Geek

December 2013

Cisco

- Was rewarded the #CiscoGeek Top Social Media Contributor by Cisco Support Community

VOLUNTEERING

Cisco Network Engineers page on Facebook

January 2011 - Present

EDUCATION

Helping other Engineers

- Providing news, articles, and tutorials aimed at helping IT professionals select, deploy, manage, and troubleshoot Cisco products.