**EMAIL: ALI.SARIERA@GJU.EDU.JO**
**PHONE: +962-791428716**

**NETWORK ENGINEER**
**ALI AHMAD AL SARAYREH**
Highly skilled and dedicated Network Engineer with 10+ years of experience in designing, implementing, and securing robust network infrastructures. Specializing in network security, I possess a deep understanding of the latest IT technologies and standards. With a proven track record in network architecture, routing protocols, VPN technologies, and troubleshooting, I excel in collaborating with cross-functional teams to implement innovative solutions. Meticulous and detail-oriented, I am committed to enhancing network efficiency while minimizing downtime. Staying abreast of emerging technologies, I continually fortify network defenses. Ready to contribute my extensive expertise to an organization seeking a reliable and proficient Network Engineer focused on network security.

## EDUCATION

2004-10 - 2009-02 **Computer Engineering, Bachelor of Engineering**
MUTAH UNIVERSITY, AL-KARAK

2014-02 - 2016-06 **Embedded System, Master of Computer Engineering**
YARMOUK UNIVERSITY, IRBID

## WORK HISTORY

**2015-09 – PRESENT**
**Head of Network Division, German Jordanian University**

- Lead the Network Division, overseeing the design, implementation, and maintenance of secure and reliable network infrastructures.
- Build and improve network documentation and training procedures to lead a successful team completing high-quality work.
- Lead planning and technical design activities for routine operations and special projects.
- Collaborate with cross-functional teams to develop and enforce network security policies and procedures.
- Identify vulnerabilities and risks within the network, and implement appropriate security measures to protect against potential threats.

- Stay up-to-date with the latest advancements in network security technologies and recommend enhancements to existing systems.
- Provide guidance and training to network engineers on security protocols and best practices
- Identify issues, analyze information, and provide solutions to problems.
- Develop and maintain courteous and effective working relationships.
- Create plans and communicate deadlines to ensure projects are completed on time.
- Demonstrate respect, friendliness, and willingness to help wherever needed.
- Maintain an excellent attendance record, consistently arriving to work on time.
- Eliminate downtime and maximize performance by providing top quality control.
- Actively listen to staff and student requests, confirming full understanding before addressing concerns.
- Develop and implement performance improvement strategies and plans to promote continuous improvement.
- Receive and process stock into the inventory management system.
- Use coordination and planning skills to achieve results according to schedule.
- Quickly learn new skills and apply them to daily tasks, improving efficiency and productivity.
- Prepare a variety of different written communications, reports, and documents to ensure smooth operations.

**2009-07 - PRESENT**
**Senior Network Engineer, German Jordanian University**

- Establish and monitor key performance metrics to verify consistent compliance with important networking standards.
- Oversee GJU's entire network and related policies covering use, maintenance, and infrastructure.
- Back up the support desk team to handle user problems and technical concerns.
- Install and configure network security solutions such as VPNs, Firewalls, and intrusion detection and mitigation tools.
- Manage purchasing and installation of networking equipment such as core routers and switches.
- Configure, test, and maintain LAN/WAN components and connections.
- Analyze existing network and application architectures, presenting findings on possible enhancements and improvements to senior decision-makers.
- Create VPN infrastructure for users, allowing for secure remote connections.

- Manage, track, and coordinate problem resolution and escalation processes.
- Integrate fixed wireless connectivity into facilities lacking access to terrestrial high-speed networks.
- Provide detailed network diagrams, process flow charts, and procedural guidelines.
- Escalate emergency technical issues beyond scope to maintain optimum uptime.
- Recommend options for disaster recovery, remote access, network appliances, servers, and directory services security.
- Monitor network capacity and performance to diagnose and resolve complex network problems.
- Contribute to the implementation and support of SNMP monitoring software and other network monitoring tools.
- Troubleshoot complex multi-vendor network service provider issues.
- Establish robust infrastructure and data capacity for new applications and communication between sites.
- Provide complete end-to-end engineering and installation of route-based IP network solutions.
- Collaborate with the IT team to develop and enforce network access control policies and implement secure authentication mechanisms.
- Conduct regular vulnerability assessments and penetration testing to identify and remediate potential security weaknesses.
- Implement network security solutions, including firewalls, intrusion detection and prevention systems, and secure VPN connections.
- Design, deploy, and maintain secure network architectures, ensuring the confidentiality, integrity, and availability of network resources.
- Monitor network traffic and logs for suspicious activities, promptly responding to security incidents and conducting forensic analysis.

**SKILLS**

- Proficient in firewall management tools and firewall technology expertise.
- Strong project management skills with a proven track record of successful network implementations.
- Extensive knowledge of EIGRP routing and expertise in Cisco router and switch security.
- In-depth understanding of IP address structure and subnetting expertise.
- Experience in network performance monitoring and troubleshooting to ensure optimal network functioning.
- Familiarity with 802.1x authentication protocols and implementation.
- Expertise in virtual private networks (VPNs) and remote work support.

- Well-versed in IT best practice frameworks and information security technologies.
- Proficient in implementing datacenter network solutions.
- Skilled in Python programming for network automation and scripting.
- Familiarity with Cisco equipment and ability to configure and manage Cisco IOS.
- Knowledge of security architecture and technologies to protect network infrastructure.
- Expertise in LAN switching technologies and VLAN aggregation.
- Experience in DNS implementation and management.
- Deep understanding of routing protocols such as OSPF and EIGRP.
- Ability to create and configure network monitoring dashboards.
- Proficient in troubleshooting network issues and conducting packet trace analysis.
- Knowledgeable in technical infrastructure upgrades and system integration.
- Experience in fixed wireless networks and implementing wireless connectivity solutions.
- Understanding of IP multicast structure and its implementation.
- Proficiency in Aruba ClearPass for user credential management and enterprise WiFi management.
- Familiarity with Catalyst and Nexus switches and their configuration.
- Experience with SolarWinds for network monitoring and management.
- Knowledge of network security systems and DDoS prevention measures.
- Ability to monitor and manage network devices effectively.
- Skilled in change management processes for network changes and upgrades.
- Proactive and collaborative team player, with excellent communication skills.
- Strong understanding of MPLS VPN implementation and MPLS routers.
- Proficiency in infrastructure solutions and network architecture design.
- Expertise in QoS/CoS (Quality of Service/Class of Service) implementation.
- Knowledge of IP services and their configuration on network devices.
- Mastery of Ether Channel for link aggregation and redundancy.
- Familiarity with enterprise WiFi management and network security architecture.
- Proficient in packet trace analysis for network troubleshooting.
- Deep understanding of networking protocols and routing protocols.
- Ability to design and understand network architecture for optimal performance.
- Skilled in user credential management and secure user authentication.
- Excellent presentation skills for conveying technical information effectively.
- Proficiency in SNMP monitoring for network management and performance optimization.

- Experience in configuring and managing MPLS routers for efficient network routing.
- Ability to develop and test network test facilities for new feature implementation.

**PROJECTS**

- 2011-04: Network Design and Implementation - Initialization of the GJU Main Campus Network - Al MUSHAQAR
- 2015-06: NETWORK IMPLEMENTATION - DATACENTER UPGRADE
- 2015-04: NETWORK DESIGN AND IMPLEMENTATION - NETWORK EXPANSION FOR NEW BUILDING
- 2019-06: NETWORK DESIGN AND IMPLEMENTATION - NETWORK EXPANSION FOR NEW BUILDING
- 2020-08: NETWORK IMPLEMENTATION - INTERNET SERVICE PROVIDER CHANGING
- 2013-03: RFP AND IMPLEMENTATION - IP CAMERA
- 2019-05: TECHNICAL STUDY AND NETWORK IMPLEMENTATION - IP CAMERA EXPANSION
- 2022-2023: NEXT GENERATION FIREWALL (NGFW) PROJECT
- 2022-2023: NETWORK MONITORING BASED ON ZABBIX OPENSOURCE
- 2022-2023: ZABBIX ENTERPRISE-CLASS OPEN-SOURCE MONITORING PROJECT FOR GJU NETWORK MONITORING
- 2023-09: RFP FOR DC AND WI-FI NETWORK UPGRADE

**COURSES, CERTIFICATES, AND TRAINING**

- 2012-03 Cisco Certified Network Associate (CCNA)
- 2012-02 Cisco Firewall Specialist
- 2015-07 Cisco IOS Security Specialist
- 2014-09 Linux – FreeBSD / SUSE / Redhat
- 2011-07 Microsoft Exchange 2010
- 2005-01 Pic Microcontroller Programming
- 2006-07 Oracle 10g Administrator and Programming
- 2015-07 Cisco Certified CCNA Security
- 2011-03 Firewall SonicWALL
- 2012-04 Cisco LMS System
- 2012-04 Cisco Nexus Switching
- 2012-05 Cisco Firewall Administration
- 2020-05 Java Web Programming
- 2015-05 Real Time Embedded System

- 2014-08 Cisco Certified Network Professional (CCNP) Routing and Switching
- 2015-11 Cisco Certified Network Professional (CCNP Security)
- 2017-03 Cisco Certified Network Professional (CCNP Wireless)
- 2019-09 Advance Redhat Administration
- 2018-06 Python Programming
- 2018-04 Machine Learning
- 2015-01 VHDL Programming language
- 2013-10 CompTIA Security+
- 2014-07 Installing and Configuring MS Windows Server 2012
- 2017-05 Networking with Windows Server 2016
- 2021-11 GrayLog Server Administration
- 2021-01 Network Monitoring installation and Configuration

**REFERENCES**

- PROF. FIRAS AL HAWARI, DIRECTOR, GJU, [FIRAS.ALHAWARI@GJU.EDU.JO](mailto:FIRAS.ALHAWARI@GJU.EDU.JO)
- PROF. SAHEL ALOUNEH, DIRECTOR, GJU, [SAHEL.ALOUNEH@GJU.EDU.JO](mailto:SAHEL.ALOUNEH@GJU.EDU.JO)