

Muhammad Husnain

L2 Network Engineer | Router & Switch Expert | Network Security

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Rennes, France

SUMMARY

An enthusiastic L2 Network Engineer with over 3 years of experience, adept in TCP/IP, LAN/WAN, and routing protocols. Notable achievements include leading a significant network throughput improvement and contributing to the AWS Wavelength project. Eager to apply extensive network infrastructure knowledge and problem-solving skills to deliver robust and secure networking solutions.

EXPERIENCE

Senior Network Technician

Audi Rennes

2025 - 2026 Rennes, France

- Designed and implemented a scalable network topology using Cisco Nexus equipment, improving data throughput by 30%
- Automated network security policy application, resulting in a 25% decrease in unauthorized access incidents
- Lead a team to successfully migrate the data center network infrastructure, ensuring zero downtime for customer-facing services
- Streamlined network monitoring by integrating SolarWinds, which cut down issue response times by 40%
- Developed and executed a comprehensive disaster recovery plan that reduced potential data loss by up to 90%
- Mentored 4 junior network engineers, enhancing the troubleshooting efficiency of the team by 35%

Network Engineer

Netplus Rennes

2024 - 2025 Rennes, France

- Collaborated on the AWS Wavelength project, ensuring sub-10ms latency for mobile edge computing applications
- Configured and supported a multi-VPC AWS environment, streamlining deployment for several SaaS products
- Executed network performance optimizations that boosted throughput by 20% without additional hardware costs
- Introduced network segmentation strategies which enhanced the security of sensitive departmental data
- Participated in after-hours on-call rotations, resolving 98% of critical incidents within the service-level agreement time

Network Operations Specialist

Systems Limited

2023 - 2024 Lahore, Pakistan

- Monitored network health across 200+ devices, identifying and resolving issues within strict timeframes
- Managed router and switch configuration for a 10,000+ user base, ensuring 99.9% network uptime
- Reduced network oversubscription by 15% through strategic upgrade planning and resource allocation
- Documented and standardized new network procedures to optimize ongoing maintenance schedules

EDUCATION

Master of Science in Network Engineering

IMT Atlantique

2024 - 2026 Rennes, France

Bachelor of Science in Computer Science

Lahore Leads University

2016 - 2020 Lahore, Pakistan

PROJECTS

Open Source Network Analysis Tool

Contributed to the development of an open-source network traffic analysis tool designed for smaller enterprises

Home Automation Network Configuration

Configured a secure, efficient network for home automation systems, integrating IoT devices with a high level of encryption. Details at <https://github.com/onkar69483/Home-Automation>

ACHIEVEMENTS

Certified Cisco Internetwork Expert (CCIE)

Achieved the expert level of certification in network engineering holding the prestigious CCIE credential.

Network Overhaul Success

Played a key role in overhauling a legacy network for a major tech company, improving throughput by 40%.

Team Leadership Award

Received acknowledgment for exceptional leadership, mentoring junior engineers and boosting team efficiency.

Published Network Security Article

Authored a well-received article on advanced network security protocols in a leading tech publication.

SKILLS

TCP/IP LAN/WAN MS 365 PowerBI

Routing and Switching Protocols

Network Security VPN Firewalls

COURSES

Certified Network Defender (CND)

Earned CND certification from EC-Council, focusing on network security and defense techniques.

CCNA Routing and Switching

Completed Cisco Certified Network Associate training for core routing and switching technologies.