Jashanpreet Kaur

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Profile

- Student of Business Information Technology program at Red River College Polytechnic.
- Configured servers, routers, switches, and wireless networks during coursework, ensuring optimal performance and security.
- Proficient in analytical thinking, time management, adaptability, with a strong focus on attention to detail, effective communication, and building positive team and client relationships.

Education

Business Information Technology   - Dean's Honor Roll Certificate   Aug 2023 – Dec 2025
Red River College Polytechnic   *Winnipeg, MB*

- Configured and optimized routers, switches, and wireless networks, enhancing network performance, improving connectivity, and ensuring secure communication across systems.
- Deployed and managed Windows servers, integrating cloud services with on-premises systems to enhance performance and ensure scalability, while resolving server and network issues for improved reliability.
- Secured servers and networks by implementing layered security protocols, configuring firewalls, and establishing VPN tunnels, resulting in improved system protection and minimized vulnerabilities.
- Optimized SQL and MongoDB databases by designing complex queries, stored procedures, and triggers, improving data retrieval speed, system performance, and scalability in both local and cloud environments.
- Administered Linux/Unix systems, optimizing network integration, security, and user management, while using shell scripting to automate tasks and configure network interfaces.

Certifications

- Certified in Cybersecurity by ISC2   Feb 2025
- Career Essentials in System Administration by Microsoft and LinkedIn   Jan 2025
- AWS Cloud Practitioner Essentials   Feb 2025
- Cisco Certified Network Associate (CCNA)   Expected June 2025

Experience

Peer Tutor   Aug 2024 - Present
Red River College Polytechnic   *Winnipeg, MB*

- Tutored students across various IT courses including Network Computing, delivering personalized support that helped improve understanding and academic performance.
- Explained complex technical topics to diverse learners, ensuring clarity and retention through one-on-one sessions.
- Resolved technical issues by diagnosing problems and offering targeted solutions, enhancing the learning experience for students.
- Coordinated with faculty and peers to foster a supportive learning environment, contributing to improved student outcomes.

Educational Assistant (Volunteer)   Jan 2025 - Present
Red River College Polytechnic   *Winnipeg, MB*

- Collaborated with co-instructor to deliver networking and troubleshooting techniques in a course for 35 students, improving their real-world IT problem-solving skills.
- Led hands-on learning with Oracle VirtualBox and Linux environments, empowering students to configure and troubleshoot networks, enhancing technical proficiency.
- Diagnosed and resolved network issues, refining students' troubleshooting skills and preparing them for career-ready network administration tasks.
- Coordinated with team to ensure smooth course delivery, fostering a collaborative and engaging learning experience.

Projects

Server Administration: Multi-Tier Network Infrastructure Deployment
Tools/Technologies: Hyper-V, Windows Server, Active Directory, Azure, DNS, DHCP, PowerShell, Ubuntu, Apache, Windows Performance Monitor

- Configured Domain Controllers, DNS, and DHCP to centralize access management, improving system organization and control.
- Implemented failover servers and Group Policies to ensure service continuity, reducing downtime during outages.
- Deployed Apache on Ubuntu to support scalable web hosting, enhancing performance and availability.

High Availability Network Design

- Designed fault-tolerant networks using EtherChannel and HSRP, ensuring continuous service and minimizing downtime.
- Configured VLANs, trunking, and static routing to enhance network performance and enable seamless scalability.
- Secured networks with WPA2 encryption, port security, and STP optimization, preventing unauthorized access and ensuring reliability.

References

- Robert Ingram, SUPPLY CHAIN ANALYST at Manitoba Hydro   bugfamous911@gmail.com
- Parghat Singh Jandu, IT SERVICE DESK TECHNICIAN at RRC Polytech   pjandu@rrc.ca