

VRUTTI PATEL

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Objective:

Results-driven and detail-oriented Computer Systems Technology student with a passion for optimizing IT infrastructure. Seeking a challenging position where hands-on experience in system administration, network management, and programming can contribute to innovative solutions and operational efficiency.

Education:

Bachelor of Technology in Computer Systems Technology **George Brown College, Toronto, ON**

Graduation: April 2025

Technical Skills:

- Programming Languages: Proficient in Java, Python, and C++
- System Administration: Windows Server, Linux (Ubuntu, CentOS)
- Network Management: TCP/IP, DHCP, DNS, VLANs
- Database Management: MySQL, PostgreSQL
- Scripting: Bash, PowerShell
- Software Development: Agile, Scrum, Git
- Tools: Wireshark, Docker, Jenkins

Additional Skills:

- Proven ability to troubleshoot complex technical issues efficiently.
- Strong written and verbal communication skills, demonstrated in project documentation and team collaboration.
- Eagerness to learn and stay updated on emerging technologies and industry trends.

Academic Projects:

1. **Dynamic Resource Allocation System**
 - Developed a Java-based system for dynamic resource allocation, optimizing server efficiency.
 - Implemented load balancing algorithms, reducing response time by 20%.
2. **Network Security Configuration**
 - Configured and secured network infrastructure, implementing VLANs for enhanced data segregation.
 - Conducted penetration testing to identify and mitigate potential vulnerabilities.

Extracurricular Activities:

- **George Brown Tech Club**
 - Spearheaded a team project on developing a web application for event management.
 - Enhanced teamwork and project management skills through active participation.

Certifications:

- CCNA 1 networking certificate

