Mustafa Jawish

CST. NETWORKING

PROFESSIONAL SUMMARY

Canadian citizen and motivated Computer Systems Technician student at Algonquin College, specializing in networking, IT support, and system administration. Experienced with Windows and Linux environments, network configuration, scripting, and troubleshooting. Passionate about helping users, maintaining system reliability, and growing in the field of network technology.

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EDUCATION

Diploma in Computer Systems Technician – Networking
Algonquin College, Ottawa | 2026 (Expected)

- Key Courses: Networking Essentials, Windows Server, Linux Admin, Network Security, Cisco Routing & Switching, Technical Support, Scripting (Bash/PowerShell)

SKILLS

Networking & IT Support

- Network Configuration (IP, DHCP, DNS, NAT
- Cisco Packet Tracer / Routing & Switching
- Windows Server / Active Directory
- PowerShell Scripting and Automation
- Linux System Administration (Bash, Cron, Services)
- Technical Support / Troubleshooting
- Ticketing Systems (e.g. GLPI, Spiceworks)
- Wireshark / Basic Network Security

Programming (Bonus from CS background)

- Bash, PowerShell, Java, PHP, JavaScript, SQL
- Tools: Git, JUnit, AJAX, Multisim

PROJECTS

Linux System Automation
https://github.com/Mustafa22J/Linux_System_Automation

- Automated user management, permissions handling, and system backups using Bash scripting.

PowerShell User Management
https://github.com/Mustafa22J/PowerShell-User-Management

- Automated user account management system using PowerShell scripting, including bulk user creation, account modification, and permission management.

Networking Configuration
https://github.com/Mustafa22J/Networking-Configuration

- Comprehensive network configuration and security implementation using Cisco devices, including routing, switching, and firewall rules.

Routing & Switching Configurations
https://github.com/Mustafa22J/Routing-Switching-Configurations

- Simulated network configuration with routers, switches and end devices using Cisco Packet Tracer.

BACKGROUND CS PROJECTS

Crazy Eights Multiplayer Game

https://github.com/Mustafa22J/CrazyEights-Multiplayer-Java

- A full-featured multiplayer card game with Swing GUI, network support, and MVC architecture.

Online Shopping System

https://github.com/Mustafa22J/Online_Shopping_System

- Implemented a shopping cart, order management, and secure payment system with JUnit testing

Book Management System

https://github.com/Mustafa22J/Book_Management_System

- Developed an interactive multi-page website with dynamic content fetching and database integration.

Data Structures & Algorithms Library

https://github.com/Mustafa22J/Data_Structures_Library

- Implemented a custom LinkedList processing system with insertion, deletion, and traversal functions.

Area Calculator

https://github.com/Mustafa22J/Area-Calculator

- Designed a **JavaScript-based Area Calculator** that computes the area of different shapes with an interactive UI.

Sudoku Solver

https://github.com/Mustafa22J/Sudoku-Solver

- Implemented a **C program** that solves Sudoku puzzles using a **backtracking algorithm** for logic-based problem-solving.

Circuit Analysis

https://github.com/Mustafa22J/Circuit-Analysis

- Developed a **circuit analysis simulation** using **Multisim** to analyze and visualize electronic components and their interactions.

Library Management System

https://github.com/Mustafa22J/Library_Management_System

- Designed a book borrowing and return tracking system using object-oriented programming principles.

CONTACT INFORMATION

- 🌐 Portfolio: https://mustafa22j.github.io/
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- 🐱 GitHub: github.com/Mustafa22J