

Amritveer Singh

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SUMMARY

IT professional with hands-on experience in system administration, hardware/software troubleshooting, and customer service. Pursuing CompTIA A+ with strong foundation in operating systems, networking, and technical problem-solving. Proven ability to communicate technical concepts clearly and provide efficient support in fast-paced environments. Experience managing multiple priorities while maintaining high service standards.

EDUCATION

CompTIA A+	Scheduled for Nov 24, 2025
Columbia College	Vancouver, BC
<i>Associate of Science in Computer Science</i>	<i>Sep 2023 – Aug 2025</i>

TECHNICAL SKILLS

Operating Systems: Linux (Arch, Ubuntu, Debian), Windows 10/11, macOS
System Administration: Package management, system configuration, shell scripting, dotfile management
Hardware Troubleshooting: Desktop/laptop diagnosis, component installation, driver configuration, peripheral setup
Networking: TCP/IP, DNS, DHCP, network diagnostics, connectivity troubleshooting
Tools & Platforms: Git/GitHub, Bash scripting, virtualization, remote support tools, system monitoring
Development: Python, JavaScript, C, Ruby, Rails, React, Next.js
Exposure to: Active Directory concepts, ITSM ticketing systems, Microsoft 365 administration

PROJECTS

Personal Linux Workstation | Arch Linux, dwm, Git

- Built and maintain daily-driver Arch Linux system with custom DWM window manager compiled from source.
- Manage system configuration through version-controlled dotfiles; troubleshoot package dependencies and system updates.
- Automated routine tasks with custom shell scripts; regularly diagnose and resolve driver conflicts and compatibility issues.

Arm v7 CPU Core | Verilog, Python, FPGA View Details

- Built a working CPU core on FPGA and designed a Python assembler to convert asm into binaries.
- Debugged complex hardware/software integration issues using structured troubleshooting, logging, and testbenches.

WORK EXPERIENCE

Mobile Security Supervisor	Oct 2025 – Present
<i>Guardteck Security</i>	<i>Surrey, BC</i>
– Provide first-line technical support to staff on reporting applications, login issues, device configuration, and mobile devices.	
– Document incidents and technical issues in ticketing system; maintain detailed logs for reporting and analysis.	
– Communicate effectively with diverse stakeholders to resolve issues and ensure service continuity.	
– Manage multiple concurrent priorities while maintaining detailed incident and activity reports.	
Mobile Security Officer	Jul 2024 – Oct 2025
<i>Guardteck Security</i>	<i>Surrey / Burnaby, BC</i>
– Responded to technical and operational issues at multiple sites; ensured timely documentation and reporting.	
– Strengthened communication, reporting, and problem-solving in high-pressure environments.	

VOLUNTEER EXPERIENCE

Volunteer Team Leader	Aug 2024 – Present
<i>Surrey Fire Service</i>	<i>Surrey, BC</i>
– Lead 6–12 volunteers at public events; coordinate logistics, promote fire safety, and track engagement data using ArcGIS tools.	