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| **Mananpreet Singh**  -----------------  System & Network Administrator | **Phone:** +1-902-403-2995  **Website:** www.manansaini.com  **Email:** manan@dal.ca | https://ummknarf.files.wordpress.com/2013/05/ccna_routerswitching_med.gifhttp://downloadvectorlogos.com/download-vector-logos/logos/pdf/ccda.jpg |

**Expertise**

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| * System Administration * Network Administration * Server Administration * ITIL Knowledge * Mixed-Platform Environments | * Scripting * Documentation * Open-Source Tools * Application Deployments * Network Security | * Troubleshooting * Training and Mentoring * Team Building & Leadership * Technical Customer Support * Technical Infrastructure (LAN/WAN) |

**Technology Summary**

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| **Web Languages** | PHP, HTML, CSS, MySQL, Scripting (Bash, PowerShell) |
| **Operating Systems** | Windows 7, 8, 10, Linux, MAC |
| **Servers** | Windows: MS 2003, 2008, 2012  Linux: RHEL 5, 6 |
| **Software Exposure** | Microsoft Office, Visio, Wireshark, MATLAB, VMWare, TCPView, VirtualBox |
| **Server Applications** | IIS, Apache, WAS, WPS, Active Directory, SharePoint, Twiki, BladeLogic, Service Now, Splunk, Chef, TeamCity, WordPress, Drupal |
| **Web Technologies** | SSL, PKI, SSH, HTTP/S, DNS, VPN, FTP, Firewalls, IPS, IDS |
| **Protocols** | RIP, EIGRP, OSPF, BGP, TCP/IP, UDP, DHCP |

**Professional Experience**

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| **Sr. System Administrator (Technical Lead) June 2013 – Present**  NTT Data Canada Inc. (3.6 Years) |

Lead a three-member IT team as a senior systems administrator for configuring, administrating and supporting Linux and Windows environment for a large-scale enterprise Data Center infrastructure. Participate in troubleshooting and resolve infrastructure faults/outages by providing RCA. Provide tier 2 supports and assist in application deployments, administration of IIS, apache, WebSphere, MySQL, AD, DNS, load balancers, authentication (Kerberos, SiteMinder and SPNEGO), SSL implementation and disaster recovery tests.

**Achievement Highlights:**

* **Performance Tuning:** Ensured that applications was configured and optimized for maximum functionality and availability. Implemented solutions that reduced deployment time by 40% and improved work capacity by almost 30%.
* **Project Management:** Led enterprise wide application deployments, oversaw major app migrations that improved efficiency and integrated new technologies into existing data-center environments.
* **Documentation:** Improved technical documentation and knowledge based articles for user support and internal policies.
* **Troubleshooting:** Rectified many issues by instituting best practices in system log analysis, backups, user account/permissions management and web applications configurations.

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| **Lab Assistant (Network Security) April 2013 – May 2013**  Internetworking Department, Dalhousie University (2 Months) |

Conducted Lab sessions, class exercises for class of 50+ students and assisted lab instructor with various activities as necessary. Acted as an invigilator for Network Security course.

**Achievement Highlights:**

* Improved the lab setups and training materials.
* Identified, analyzed and resolved technical problems in a professional manner by providing guidance to students.
* Supervised the periodic inspections and maintenance checks on laboratory equipment’s.
* Provided high quality and informative customer service to diverse students.

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| **System Network Administrator July 2007- July 2011**  Logic Matters (4 Years) |

Maintained, configured and monitored network infrastructure (CISCO Routers & Switches) for a mid-sized web services and hosting provider. Managed virtualized infrastructure using VMware and built servers (DNS, SQL, AD, Web and App), workstations from scratch. Assisted with network design and website design using various CMS systems (WordPress, Drupal and Vbulletin).

**Achievement Highlights:**

• Improved the web infrastructure performance and websites speed by utilizing the same amount of resources.

• Ensured that all server hardware, operating systems, software and procedures aligned with organizational standards and strategic business plan.

• Strengthened system/network security and business-continuity planning as a member of company’s security incident response team and conducted regular reviews and audits.

• Drove a 25% decrease in Web site downtime by migrating server sites and online stores to Linux server. Corrected server configuration problems, wrote scripts to ensure smooth server/reboot functioning, and assisted with a variety of Linux-based inquiries and concerns.

• Stabilized, expanded and protected client network and PC environment. Built new file servers to maximize Web hosting, terminal server, file/print sharing and domain control performance.

**Academic Credentials**

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| Masters in Internetworking | 2011-2013 | Dalhousie University | A |
| B Tech in Electronics and Communication | 2006-2010 | Punjab Technical University | 83.72% |

**Additional IT Experience**

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| On-Point Volunteer Association | Communication Director | May, 2016 - Present |
| President’s Office, Dalhousie University | Website Resource Person | Aug 2012 – Aug 2014 |
| International Centre, Dalhousie University | Assistant Outreach & Off Campus Accommodation Specialist | May 2012 – Aug 2012 |
| Orkut Help group, Google Inc. | Orkuteer | Nov 2007 – May 2011 |