# Peter Charles

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Sr. Systems Analyst

**SUMMARY:**

* 7+ Years’ Experience - Strong technology background, demonstrated history of design and implementation experience: design and implemented cloud in Centennial College and ADR.
* 7+ Years’ Experience - Strong understanding of virtualization fundamentals; IaaS services (compute, storage, network): for VMware, deployed VMs in DVS using iSCSI storage, implemented HA and FT for VMs, backup and restore VMs, monitor ESXi hosts and storage health; for Azure Cloud, deployed VMs, web apps integrated database, add storage account, monitor Azure Cloud health;

Cloud Certification:

* VCP-Cloud (VMware Certified Professional Cloud), VMware, Inc.

Storage Certification:

* EMCISA (EMC Proven Professional Information Storage Associate), EMC

Network Certification:

* CCNP (Cisco Certified Networking Professional), Cisco Systems, Inc.
* CCNA Security (Cisco Certified Network Associate Security), Cisco Systems, Inc.
* 5+ Years’ Experience working with provisioning platforms (open stack, Cloudify, SaltStack, Rundeck, etc.): build OpenStack with Nova, Cinder, Swift, Neutron, Keystone, Glance, horizon; automate Azure Cloud using Cloudify blue point and SaltStack Salt State; run jobs with Rundeck;
* 7+ years’ experience of Development background in scripting/automation is key (python, java, etc.)

Java Certification:

* SCJP (Sun Certified Java Programmer), Sun microsystems
* 5 Years’ Experience - Virtualization platform experience (VMware vSphere, OpenStack)

VMware Certification:

* VCP5-DCV (VMware Certified Professional 5 Data Center Virtualization), VMware, Inc.
* VCP5-DT (VMware Certified Professional 5 Desktop), VMware, Inc.
* 7+ years’ experience in OS (RedHat Enterprise Linux, Windows Server 4.0)

Windows Certification:

* MCSE ( Microsoft Certified Solutions Expert: Windows Server 2012), Microsoft
* Development experience in Middleware/Applications (Redis, RabbitMQ, Tomcat, JBoss, WebSphere Application Server)
* 7+ years’ experience in Databases (Oracle, SQL Server)

**PROFESSIONAL EXPERIENCE:**

**Centennial College, Toronto, Ontario System Administrator 2015-2016**

* Provide planning, communication, and reporting of day-to-day ticket metrics for daily huddles
* Provide Level 2 cloud infrastructure support for cloud across all production, dev & test environments operating in the Cloud
* Manage non-standard/complex P1, P2 (Major Incidents), and P3 and P4 incidents and service requests efficiently and expediently
* Ensure customer service satisfaction and enable continuous improvements
* Oversee higher complexity operational and preventive maintenance tasks
* Manage complex remedial and unscheduled urgent changes
* Accessible via a mobile device to support on-call escalations
* Participate in knowledge transfer – ensure timely and accurate communication of business objectives throughout EITO and articulates mandate to other areas
* Promote and support an environment that encourages productivity, innovation, teamwork, and a high level of professionalism
* Deliver automation for operational readiness, Cloud health checking, and auto-recovery.

Project: Design and Implement VMware Cloud

Technology: VMware vCenter/ESXi, vRealize Automation, NSX, Windows Server 2012, NFS, iSCSI, vPC, VSAN,

Device: Cisco UCS C220 M3 Rack Server, Dell PowerEdge R920**,** Cisco Nexus 7009/5548UP/2232 Fabric Extender/1000v, NetApp FAS2552 Storage, Cisco 800 Router, Cisco Catalyst 6880-X/3850/2960-X Switch

Project: Develop and Deploy Smart IV Web Application in Microsoft Azure Cloud

Technologies: Microsoft Azure Cloud, Web App, C, C#, WCF, WPF, Cloud Message for Android and IOS, MySQL

Project: Develop and Deploy Community Exercise Messaging System for Centennial College

Technologies: Microsoft Azure Cloud, Web API, JavaScript, Cloud Message for Android and IOS

**ADR (Accurate Data Recovery), Toronto, Ontario System Administrator 2012-2015**

* Administer & support VMware in private cloud infrastructure
* Administer & support Windows and Linux
* VMware/Windows/Linux Data Recovery

Project: Build OpenStack Private Cloud in VMware

Technologies: OpenStack, VMware ESXi, Windows Server 2012, Linux, Storage

**RBC Financial Group, Toronto, Ontario System Administrator 2011**

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Project: Deploy Servers in VMware

Technologies: VMware vCenter, Windows Server 2008, Active Directory, Group Policy, NAS, NFS, iSCSI, vPC

Device: Cisco UCS 5108/B200 M3 Blade Server/C220 M3 Rack Server**,** Cisco Nexus 7009/5548UP/2232 Fabric Extender/1000v, EMC VNX 5200 Storage, Cisco 800 Router, Cisco Catalyst 6880-X/3850/2960-X Switch

Project: Automate VMware VMs daily report

Technologies: VMware vCenter/ESXi, Windows Server 2008, Active Directory, Group Policy, SQL Server, C#

Project: Automate daily report from Oracle BI to SharePoint

Technologies: Windows Server 2008, Active Directory, Group Policy, PowerShell, SharePoint, Oracle BI, IIS, C#

**World Service Cargo, Toronto, Ontario System Administrator 2009**

* Administer & support VMware
* Troubleshoot, administer and optimize Microsoft Windows servers
* Work with various service providers & vendors to troubleshoot and continually improve IT infrastructure.

Project: Enhance Wireless Network Security.

Technologies: Windows Server 2008, TCP/IP, DNS, DHCP, Active Directory, Group Policy, PKI, 802.11a/b/g

**A2AWeb Solution Inc., Toronto, Ontario Web Developer 2008-2009**

* Maintain Web hosting and develop web applications

Project: Developed Web Application integrated with SQL database

Technologies: Javascript, Python, C#, Windows Server 2008, IIS, SQL Server

**China Telecom, China Senior Network Engineer 1998-2008**

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Project: Build Telecom Data Center

Technologies: VMware vCenter/ESX, vSphere, Windows/Linux Server, Active Directory, Group Policy, SQL Server

Project: Internet service network system Extension

Technologies: DNS, DHCP, FTTB (Fiber to the Building) +LAN, ADSL

Devices: Routers, Switches, Firewall

**EDUCATION/Certifications:**

* Computer and Communication Networks, Bachelor's Degree, Centennial College 2013-2015
* Computer Systems Technology – Networking , Advanced Diploma, Centennial College 2010-2012

**VMware**

* VCP-Cloud (VMware Certified Professional Cloud), VMware, Inc.
* VCP5-DT (VMware Certified Professional 5 Desktop), VMware, Inc.
* VCP5-DCV (VMware Certified Professional 5 Data Center Virtualization), VMware, Inc.

**Windows**

* MCSE ( Microsoft Certified Solutions Expert: Windows Server 2012), Microsoft

**Data Center**

* CCNA Data Center (Cisco Certified Network Associate Data Center), Cisco System, Inc
* Cisco Data Center UF Support Specialist, Cisco Systems, Inc.
* Cisco Data Center Unified Computing Design Specialist, Cisco Systems, Inc.
* Cisco Unified Computing Technology Design Specialist, Cisco Systems, Inc.
* Cisco Unified Computing Technology Support Specialist, Cisco Systems, Inc.

**Storage**

* EMCISA (EMC Proven Professional Information Storage Associate), EMC

**Network**

* CCNP (Cisco Certified Networking Professional), Cisco Systems, Inc.
* CCNA Security (Cisco Certified Network Associate Security), Cisco Systems, Inc.

**Java**

* SCJP (Sun Certified Java Programmer), Sun microsystems

**Telecom**

* Senior Telecom Engineer, China Telecom

The 21st – Century Elite, China Telecom