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# JEFF CHEAH

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## Professional Summary

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- Over 25 years of global enterprise IT experience (Canada, USA, Australia, Caribbean, Brazil, and UK) accompanied by results driven Technical Project Management skills
- Advanced to expert level skills in the technical design, implementation and management of data centers, IT infrastructure, virtualization, and cloud solutions for medium to large enterprises with focus on best practices
- Extensive recommendations and testimonials from customers, professional peers
- Recognize by National Security Agency (NSA) and Committee on National Security System (CNSS) as an Information Systems Security (INFOSEC) Professional (CNSS/NSA 4011 Designation)
- Spirited team player with experience in leading, collaborating and developing professional relationships with key stakeholders from different levels (executives, customers, functional team members and vendors)

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## Technical Skills & Quality Summary

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Technology	Years of Experience
Microsoft 365, Google Suite and Slack Migration and Administration	13
Active Directory Domain and Domain Migrations	25
Microsoft Exchange Architecture, Migration and Administration	25
Microsoft Purview (Information Protection, Sensitivity Labels, DLP, Insider Risk)	6
Microsoft Sentinel, Microsoft Defender 365, Microsoft Defender for Cloud Apps	5
SCCM / Intune (Windows Autopilot / Windows AutoPatch / EDR)	18
Technical Pre-Sales	17
Technical Project Management	19
Zero Trust Framework	10
Microsoft Azure Infrastructure-as-a-Service (IaaS)	8
Enterprise Architecture and Process Transformations	17
SharePoint/Teams Administrator and Migration	12
Microsoft Certificate Authority Service	13
Disaster Recovery and Business Continuity Planning	18
Backup, Recovery, Retention and Archiving Policies	22
Firewall (Palo Alto, FortiGate, Azure)	22
Blade Servers (Lenovo, HP, Nutanix, Dell, Cisco UCS)	15
Server Virtualization (VMware and Hyper-V)	20
Shared Storage and Storage Area Network	19
Technical Project Management	16
Microsoft Certificate Authority Servers	13
Virtual Desktops (Citrix, VMware, Azure)	16
Linux Administration	12

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## Relevant Education & Professional Development

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### Education

Feb 2005 – Jan 2006

University of British Columbia

Certificate in Project Management

- Project Management Essentials (PMBOK)
- Managing Scope, Schedules, and Budget
- Risk Management
- Project Leadership Skills
- Project Management Professional (PMP)

### Certifications

- Microsoft Certified Information Technology Professional (MCITP)
  - MCITP: Enterprise Messaging Administrator
  - MCITP: SharePoint Administrator
- **Microsoft Certified: Azure Solutions Architect Expert**
- **Microsoft Certified: Azure Cyber Security Architect Expert**
- **Microsoft Certified: Microsoft 365 Administrator Expert**
- Microsoft Certified: Endpoint Administrator Associate
- VMWARE Certified Professional 3/4/5 (VCP)
- Citrix CCA (XenApp 5.0 / XenServer 5.0 / XenDesktop 4)
- Nimble Technical Professional
- Palo Alto Network Certified Security Professional (PCNSE)
- Certified Information Systems Security Professional (CISSP)
- EMC Certified Implementation Engineer (VNX)
- NetApp Certified Implementation Engineer
- SNIA Certified Storage Architect (SCSA)
- Red Hat Certified Technician (RHCT)
- Associate Business Continuity Planner (ABCP)
- Certified Information Systems Auditor (CISA)
- Certified Cisco Security Professional (CCSP)
- Microsoft Certified Database Administrator (MCDBA)
- Oracle Certified Associate (OCA)
- Certified Wireless Security Professional (CWSP)
- Certified Cisco Network Associate (CCNA)
- Certified Cisco Design Associate (CCDA)
- Certified HP-UX Administrator 11
- Certified Solaris Administrator 9.0
- Checkpoint Certified System Administrator
- EXIN ITIL
- Juniper Networks Firewall / VPN Specialist

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## Relevant Professional Experience

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### Delta Police

#### Microsoft Technical Consultant

Jan 2019 – Current

- Implemented Cisco Duo and authentication proxy for Microsoft 365, Windows Logons, RDS
- Implement Purview Information Protection: Sensitivity Labels, Data Loss Protection (DLP) and Sentinel integration
- Windows Autopilot for Windows 11 deployment and Windows Autopatch for software updates
- Migrate Group Policies to Intune Policies
- Implement security hardening and compliance policies for Windows 11 rollout
- Microsoft Defender for Endpoint deployments
- Endpoint vulnerability remediation program to maintain low Security Score posture
- Setup Hybrid Exchange for Exchange 2016 to Exchange Online Migration

### Fraserway RV

#### Microsoft Technology Consultant

June 2020 – Mar 2025

- Designed and implemented Azure Hybrid Secure Network (IaaS) for hybrid cloud
- Setup Meraki Site-to-Site VPN links from all multiple offices to Azure Landing Zone
- Azure File Sync for offsite tiered storage management and disaster recovery for critical file shares
- Setup Intune and Windows Autopilot for Windows 11 replacement project
- Cleanup Group Policy Objects and migrate to Intune configuration policies
- Implement security hardening and compliance policies for Windows 11 rollout

### BioScript

#### Enterprise Endpoint Consultant

Sept 2024 – Jan 2025

- Streamline Windows Autopilot program (Hybrid Join with Cisco AnyConnect SBL) – 1600+ users
- Implement Windows AutoPatch for endpoint software update compliance (OS, Office, Edge and Drivers)
- Setup remediation programs for endpoint vulnerability (Secure Score)
- Group Policy Objects cleanup and migration to Intune configuration policies
- Implement security hardening and compliance policies for Windows 11 rollout

### Raymond James

#### Domain Consolidation Consultant

Aug 2018 – Sept 2024

- Technical lead for Active Directory/Microsoft Entra ID Domain Consolidation – 2200+ users
- SharePoint 2013 On-Prem to SharePoint Online/Microsoft Teams migration – 140 sites (ShareGate)
- Technical lead for SCCM Current Branch upgrade and Windows 10 desktop replacement project

### Eminence Organics

#### Business Transformation Consultant

Apr 2024 – July 2024

- Establish SharePoint and Teams governance and Acceptable Use Policy to address site sprawls
- Setup document management libraries and taxonomy (contracts management)
- SharePoint Intranet/Extranet design and architecture

### City of Coquitlam

#### Microsoft Technology Consultant

Jan 2010 – July 2024

- Exchange 2013 to Exchange Online (Office 365 migration) – 1200+ users
- Windows Autopilot migration for Windows 11 rollout (Hybrid Join with Pulse Secure VPN)
- Setup SCCM and maintain Operating Systems Deployment Task Sequences
- Microsoft Certificate Authority Servers replacements

### CopperLeaf Technologies

#### Microsoft Technical Consultant

Feb 2022 – May 2022

- Technical lead for Exchange 2010 to Exchange Online migration
- Setup Windows Autopilot for Windows 11 deployments (hybrid join with Sonicwall VPN)
- Software packaging with PowerShell App Deployment Toolkit
- Setup Windows AutoPatch to streamline software and systems updates

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<u>Westland Insurance</u>	<b>Senior Microsoft Consultant</b>	Jan 2020 – Sept 2021
<ul style="list-style-type: none"> <li>Designed and implemented Azure Hybrid Secure Network w/ ExpressRoute/Site-to-Site VPN failover</li> <li>Migration of on-prem workloads to Azure Infrastructure as a Service (IaaS)</li> <li>Setup SCCM Automatic Deployment Rules to streamline software updates</li> <li>Setup Windows Autopilot (both Azure Hybrid Join and Azure AD join)</li> <li>Setup Azure Virtual Desktop (AVD) for mergers and acquisition program</li> <li>Office 365 migration (Azure AD Connect, Exchange Online, Teams, SharePoint, OneDrive, Azure MFA)</li> <li>Exchange Online and OneDrive migrations for acquired companies (BitTitan MigrationWiz)</li> <li>Remote Desktop Server (RDS) design and implementation (w/ Azure MFA) 1000+ users</li> <li>Geo-load balancing for on-prem RDS farm with Azure RDS with KEMP Application Delivery Controller</li> </ul>		
<u>Trail Appliances</u>	<b>Senior SCCM /Intune Consultant</b>	May 2021 – July 2021
<ul style="list-style-type: none"> <li>Migrated organization from WSUS to SCCM for software updates (Automatic Deployment Rules)</li> <li>Implemented Operating Systems Deployment with SCCM for enterprise desktop deployments</li> <li>Microsoft Intune and Apple Business Manager integration for Mobile Device Management</li> </ul>		
<u>Richmond Oval</u>	<b>Microsoft Messaging Consultant</b>	Jan 2020 – Apr 2020
<ul style="list-style-type: none"> <li>Exchange 2010 to Exchange 2016 (3 node DAG) migration</li> <li>KEMP Application Delivery Controller deployment</li> </ul>		
<u>City of Vancouver</u>	<b>Microsoft Messaging Consultant</b>	Sept 2019 – Dec 2019
<ul style="list-style-type: none"> <li>Design and planning for Exchange 2010 to Exchange 2016 migration (8000 seats)</li> <li>KEMP Application Delivery Controllers setup for HA and DR</li> </ul>		
<u>Westminster Savings</u>	<b>Azure / Office 365 Specialist</b>	Dec 2018 – Nov -2019
<ul style="list-style-type: none"> <li>Office 365 Migration (AD Sync, ADFS, Skype for Business, Exchange Online and Intune)</li> </ul>		
<u>Wesgroup</u>	<b>SCCM Consultant</b>	Nov 2019– Nov -2019
<ul style="list-style-type: none"> <li>Office 365 Migration (AD Sync, ADFS, Skype for Business, Exchange Online and Intune)</li> </ul>		
<u>Softlanding</u>	<b>Senior Microsoft Consultant</b>	Nov 2016– Feb 2018
<ul style="list-style-type: none"> <li>SCCM and Windows 10 OSD deployment architect for enterprise accounts</li> <li>Microsoft BitLocker Administration and Monitoring (MBAM) design and deployment</li> <li>Microsoft Office 365 migration (on-prem Exchange, Exchange Online, Google)</li> <li>Microsoft EMS (Intune, MFA) design and implementation</li> <li>Azure AD Connect and ADFS implementation</li> </ul>		
<u>CBV Collections</u>	<b>Senior IT Consultant</b>	Jan 2014 – Mar 2018
<ul style="list-style-type: none"> <li>Cisco Unified Computing System (UCS) design and implementation (8 nodes B-200M4 blades, 6248 UPS Fabric Interconnects, Cisco 3850 collapsed core and Nimble c300 iSCSI shared storage)</li> <li>Migrated legacy ESX to vSphere 6.5 enterprise plus farm with virtual distributed switching</li> <li>SharePoint 2010 to SharePoint 2016 migration</li> <li>Exchange 2010 to Exchange 2016 migration</li> <li>MS Exchange, Remote Desktop and PKI assessment and support</li> </ul>		
<u>Singleton Urquhart LLP</u>	<b>Senior IT Consultant</b>	Jan 2012 – Mar 2018
<ul style="list-style-type: none"> <li>Replaced NetApp with Dell Compellent SC8000 SAN (10Gb)</li> <li>Implemented 3 node high availability vSphere 6.5 cluster environment</li> <li>Designed and implemented high availability Fortigate firewalls with dual ISPs</li> <li>Desktop Virtualization for VMware View 6 (Windows 7/Office 2010 and Windows 10/Office 2010)</li> <li>Upgraded Active Directory to Windows 2008 R2 Mode and Windows 2016 domain controllers</li> </ul>		

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<u>Aritzia</u>	<b>Senior SCCM Consultant</b>	May 2017 - Dec 2017
<ul style="list-style-type: none"> <li>Complex Windows 10 desktop deployments with PowerShell front-ends for Operating System Deployments</li> <li>Oversee organization wide Point-of-Sales refresh (Oracle and Windows 10) across all retail branches</li> <li>Configure SCCM Configuration Baselines for POS systems in accordance to PCI compliance requirements</li> <li>Implemented Microsoft Security Compliance baselines for Windows 10 / Office 2016 Group Policies</li> <li>Introduced software updates with Automatic Deployment Rules (ADR)</li> </ul>		
<u>Aqualectra</u>	<b>Senior Microsoft Consultant</b>	Mar 2017 - Dec 2019
<ul style="list-style-type: none"> <li>Exchange 2010 to Exchange 2013 and Exchange Online (Office 365) hybrid migration</li> <li>Setup high availability Exchange 2013 DAG cluster with KEMP load balancers</li> <li>Windows 10 operating system deployment (w/ SCCM/MDT)</li> <li>Microsoft BitLocker Administration and Monitoring (MBAM) design and deployment</li> </ul>		
<u>School District 40 (New West)</u>	<b>Gmail Migration Lead</b>	Dec 2016 – Feb 2017
<ul style="list-style-type: none"> <li>Gmail to on-premises Exchange 2016 migration with MigrationWiz (1,200+ seats)</li> <li>Setup high availability Exchange 2016 DAG clusters</li> </ul>		
<u>Dell Professional Services</u>	<b>Professional Field Engineer</b>	June 2016 – Nov 2016
<ul style="list-style-type: none"> <li>Implemented SCCM Current Branch and Windows 10 deployment (17,000 seats) for Houston School District</li> <li>Complex task automation with PowerShell scripting for AIG Insurance</li> <li>Azure AD Connect, ADFS implementation and EMS/Intune implementation</li> </ul>		
<u>Northwest Company</u>	<b>VMware Consultant</b>	Dec 2015 - Mar 2016
<ul style="list-style-type: none"> <li>Upgrade PCI and production vSphere environment from 5.5 to 6</li> <li>Implement Site Recovery Manager 6.1 for failover and failback in a dual data center topology</li> <li>Upgrade Certificate Authority server to Windows 2012 R2 Enterprise CA</li> </ul>		
<u>Community Living BC</u>	<b>Senior Microsoft Consultant</b>	Aug 2014 - Aug 2016
<ul style="list-style-type: none"> <li>Microsoft Orchestrator for Hyper-V Replica failover to support disaster recovery initiative</li> <li>Setup failover DR environment (Hyper-V, SCVMM, Citrix XenApp/XenDesktop)</li> <li>Replace Microsoft Certificate Authority Servers</li> </ul>		
<u>District of West Vancouver</u>	<b>Endpoint Deployment Consultant</b>	Mar 2014 – Jan 2015
<ul style="list-style-type: none"> <li>MDT 2013 Deployment for Windows 7/Office 2010 Deployment</li> <li>General Citrix XenDesktop and PVS consulting</li> </ul>		
<u>Vancouver School Board</u>	<b>SharePoint Consultant</b>	Nov 2013 – Jan 2015
<ul style="list-style-type: none"> <li>Enterprise SharePoint 2013 Design and Implementation (Production and Development)</li> <li>SQL 2012 AlwaysOn Cluster Design and Implementation</li> </ul>		
<u>Capilano University</u>	<b>Microsoft Technology Consultant</b>	May 2013 – Dec 2013
<ul style="list-style-type: none"> <li>Exchange 2007 to High Availability Exchange 2013 migration</li> <li>SCCM 2007 R3 to SCCM 2012 SP1 Migration (3 campuses)</li> </ul>		
<u>MicroSemi</u>	<b>SCCM Consultant</b>	Sept 2012 – Dec 2013
<ul style="list-style-type: none"> <li>Global SCCM 2012 implementation across 4 continents and 30 sites</li> <li>Implemented Windows 2008 3-Tier Public Key Infrastructure Certificate Authority Servers</li> <li>Exchange 2003 to Exchange 2010 migration</li> </ul>		

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- BC Housing** **Senior IT Consultant** Jan 2010 – Nov 2012
- Provide management and design for EMC CX4 storage arrays in the primary and disaster recovery sites
  - Migrated 700 Exchange 2003 users to Exchange 2007 CCR for multi-site design for disaster recovery
  - Managed vSphere 4.1/5 environment in the primary and disaster recovery sites (over 300+ VMs)
  - Configured and managed HP Blade with Flex-10 Virtual Connect
  - Implemented Site Recovery Manager 5 with vSphere Replication between primary and disaster recovery site
  - Migrated Exchange 2003 users to Exchange 2010 DAG clusters across two data centers for high availability
- BC Safety Authority** **Senior IT Consultant** Jan 2009 – July 2016
- Implemented Juniper SSG site-to-site tunnel between primary and disaster recovery sites
  - Provided architecture for fiber channel EMC Clariion VNX 5300 SAN for head office and DR sites
  - Re-designed WAN and LAN environment in conformance to security-in-depth principles
  - Upgraded vSphere 5.1 to vSphere 6 migration
  - Deployed SharePoint 2010 Standard platform for Windows SharePoint Services 3.0 migration
- Microsoft Consulting Services** **Professional Field Engineer** Jan 2011 – July 2011
- Microsoft SCCM Contractor for SaskPower Windows 7/Office 2010 rollout for TELUS and SaskPower
  - Forefront Endpoint Protection 2010 deployment for Coast Capital Savings
  - System Center Configuration Manager R3 side-by-side migration for Coast Capital Savings
- Corporation of Delta** **Microsoft Technology Consultant** Apr 2010 – Sept 2010
- Provided High Availability Exchange 2010 DAG architecture across disaster recovery sites
  - Security audit and advisory of Exchange 2010 environment
  - Supported NetApp Filer for Exchange 2010 DAG environment
- Auto Trader** **Directory Migration Specialist** Mar 2009 – June 2009
- Provide subject matter expertise in Active Directory and Exchange 2007 design and restructuring
  - Migrated 5000+ security principal objects into a single forest, multi-domain environment
  - Optimized replication, DNS/WINS, FSMO, domain controller and global catalogue placements
  - Architected Exchange 2007 environment for cross-org mailbox migration
- International All Sports** **InfoSec Manager** June 2008 – Mar 2009
- Designed and implemented VMWARE View with RSA two-factor authentication for 120+ desktops users
  - Consolidated 80+ servers into high availability VMWARE cluster with HP servers and NetApp FAS storage
  - Project managed UK office / data center relocation
  - Implemented Microsoft Systems Center Configuration Manager 2007 (SCCM)
  - Implemented Microsoft 3-tier Public Key Infrastructure (PKI) certificate authority servers
- TELUS** **Senior Client Architect** Jan 2007 – June 2008
- Technical Lead for PMC-Sierra virtualization project (budget of \$1.3 million) providing Project Management, architecture and implementation of VMWARE ESX 3.5 with HP Blades and Netapp 3040 SAN
  - Lead Architect for multi-tenant cloud computing hosting environment spanning all three major data centers
  - Lead Architect for Microsoft Hosted Messaging and Collaboration (HMC) environment. Provided design for firewalls, Exchange 2007, SharePoint 2007, Office Communicator 2007, EMC CX3 SAN and HP Blades
  - Designed 3-tier public key infrastructure (PKI) to facilitate RFID deployment for Finning Canada
  - Lead architect for shared and dedicated disaster recovery warm sites for external customers
  - Provided storage architecture for mid to large accounts—SAN architecture, data classification, storage resource management (SRM), information lifecycle management, tiered storage, data de-duplication and archiving
-