

# DIIPESH MISTRY

## Certified Information Systems Security Professional

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Information Security Specialist with passion for aligning security architecture plans and processes with security standards and business goals. Extensive experience developing and testing security frameworks for cloud-based infrastructure. **Versed in robust network defense strategies.**

## Certifications

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CISSP: Certified Information System Security Professional

CompTIA A+, Project +, **Network+**

**CCNA:** Routing & Switching, **Security**

Fortinet **Network Security Associate:** NSE 1, 2 & 3

Microsoft MCDTS, MCITP, MCTS

**MCSA:** Exchange Server & Enterprise Infrastructure Administrator

## Education

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### Master of Engineering in Computer Networks

*Toronto Metro Polytechnic University (formerly Ryerson University) - Toronto, ON*

*[ 09/2018 - 10/2019 ]*

### Post-Graduation in Information Technology Professionals

*Lambton College of Arts and Technology, Sarnia, ON*

*[ 01/2011 - 12/2011 ]*

### Bachelor of Technology in Computer Engineering

*Ganpat University, Gujarat, IN*

*[ 08/2005 - 08/2009 ]*

## Technological Abilities

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**Operating Systems:** Ubuntu 18.04, 20.04, 22.04; Windows Server 2022, 2019, 2016, 2012, 2008

**Network Tech Stack:** OSI and TCP/IP model, LAN-WAN connectivity, VPN, Routers Switches, Firewall

**Virtualization:** Virtual Box, Hyper-V Manager, VMware vSphere, ESXi and Workstation, Citrix,

**Cloud Platform:** Google Cloud Platform (GCP), Microsoft Azure, Amazon Web Services (AWS),

**Firewall:** SonicWall TZ series, WatchGuard XTM series, FortiGate series Cisco WAF (Web App Firewall)

**SIEM:** Splunk, AlienVault Appliance, Anywhere

**Vulnerability Management:** Qualys, Tenable IO, Aqua, Net Sparker, Nessus Manager, Wiz

**Databases:** PostgreSQL, Microsoft SQL Express 2000, MS Access 2007, PL/SQL

**Languages:** C, C++, C#, ASP, HTML, PowerShell, Python, Bash

**Other:** Veeam Backup, Back-up anywhere, Sync anywhere, Cloud SFY, Service Now, Microsoft CRM, Zendesk, Service Desk Plus, Atlassian JIRA

## Experience

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### Infosys Public Services, Calgary AB

[01/2025-Present]

#### Technology Lead: Security

- Ensuring the right level of monitoring is placed, effectively coordinating with security team for the deliverables and successfully achieving the goals
- Set up malware lab to conduct static and dynamic analysis on malicious emails & attachments in safe closed-box environment
- Watching and keeping a close eye on regulatory compliance, cloud security posture and enhancing SIEM, incident alerting and monitoring
- Lead vulnerability scanning efforts, manage threat detection systems, and ensure timely remediation of security risks.

### Geotab Inc, Oakville, ON

[05/2019-12/2024]

#### Senior Security System Administrator

- Oversee the deployment, configuration, and maintenance of advanced security tools and solutions (e.g., intrusion detection, firewalls, endpoint protection).
- Lead vulnerability scanning efforts, manage threat detection systems, and ensure timely remediation of security risks.
- Develop and automate security audits, patch management, and system hardening processes to ensure optimal security postures.
- Stay up-to-date on the latest security threats and trends, recommending adjustments to security strategies.

#### Security System Administrator

*Subject matter expert for vulnerability management*

- Vulnerability scanning, reporting and patch management of all assets using agent-based and agent-less scanning using Tenable
- Key stake holder to maintain FedRAMP compliance for the company by ensuring regularly adhering FedRAMP compliance standard, boundary restriction and securing digital perimeter
- Maintain overall security of Geotab network for all virtual servers, network peripherals, and workstation assets and scheduling vulnerability scanning, automating repetitive tasks with Linux bash for Tenable IO and Google cloud firewall using secure API integration
- Configuring and applying permissions on Google Cloud Platform, Identity and Access Management, Role-Based Access Control, Cloud Firewall, Service Accounts Management— Roles & Permissions
- Design and develop scripts for repetitive vulnerability scanning & reporting and firewall rules configuration and management
- Automate repetitive tasks with appropriate scripting languages/tools (PowerShell, Bash)

## **BBA Engineering Ltd, Calgary, AB**

*[05/2019-05/2020]*

### **Cyber Security Specialist (ICS)**

- Design Site assessment methodologies to be aware of risk exposures, vulnerabilities and threat vectors of Industrial Control Systems
- Compliance-ready consulting reports as per the client's requirements and needs for their Instruments and Controls Safety systems.
- Collaborated with IT teams to ensure secure implementation of new software applications and systems
- Enhanced network security by implementing advanced threat detection and prevention tools

## **Uzado Inc, Vaughan, ON**

*[03/2019-05/2019]*

### **Security Operation Center Analyst**

- Vulnerability assessment & remediation plus compliance management using Qualys for reporting based on priority, criticality and severity
- Investigate & perform in-depth analysis of exploits by monitoring and analyzing network traffic and alerts for incident response and management
- Review security event populate in SIEM to analyze network traffic and host-based security appliance logs (i.e. FortiGate: Web App Firewall, Routers, Switches, Servers, NIDS, HIDS, Syslog, IDS/IPS, etc.)

## **WBM Technologies Inc., Calgary, AB**

*[10/2013-08/2018]*

### **Sr. Systems Analyst**

- Resolving escalated issues by team of system administrators, monitoring security trends relate to business systems, policies, processes and infrastructure configuring on-prem and Azure
- Data Center technician resolving highly critical and time sensitive matters, Operational experience with security controls on firewall IDS/IPS, performing root cause analysis, patch management.
- Streamlined processes for improved productivity through thorough systems analysis and optimization

### **Team Lead**

- Responsible for timely deployments for Govt of Saskatchewan - Next Generation Desktop and MDM - Mobile Device Management solution for Government Executives including post deployment remedies
- Lead the team of deployment technicians and manage province wide operation successfully
- Management of deployment incident response to include documentation, staff training, mock exercises and resource coordination during deployment of new systems and support services.

### **System Administrator**

- Act as an IT Analyst team who is responsible for all issues service desk can't resolve over the phone
- Manage Ministry of Environment and Agriculture for their IT needs, Endpoint Protection system
- Branch network, new user account set up, server configuring, access permissions approval