



## Froilan Leiza



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## Education

BS in Computer Engineering

University of Baguio

June 1999 - October 2004

## Certificates

CCNP Enterprise

ID CSC011755013

June 2011 - July 2023

PCNSE

ID PAN00194154

June 2020 - July 2022

## Career Profile

Experienced Senior Network Engineer with over 13 years of expertise in designing, implementing, and maintaining robust network and security systems across diverse environments, including data centers, remote offices, and cloud infrastructure.

Prior experience includes a role as a Network Engineer for Tools and Applications (NetDevOps), emphasizing network automation, monitoring, and tools development to enhance operational efficiency and performance.

## Experience

### Senior Security Engineer

**NCS Pte. Ltd.**

5 Ang Mo Kio Street 62, Singapore 569141

May 2023 - Present

Responsible for proactively preventing and mitigating security threats and vulnerabilities by implementing patches and upgrades on managed security devices, weekly content updates, device backups and proactively coordinated with SIEMs and third-party vendors to assess attacks and patch vulnerabilities

Implement technical changes and was involved on several projects' solutions and migration of existing applications to cloud, firewall upgrades and migrations and other operational BAU tasks

Implements and manages AWS WAF policies and configurations through CI/CD pipelines and Terraform

Manages and deploys Aquasecurity solutions on AWS ECS

CCSE

ID CP0000078086

May 2016 - May 2018

MS Azure Fundamentals

ID 50B7C6EB6CD09593

April 2021 - Present

## Skills

Routing/Switching

Network Security

Endpoint Security

Python

ReactJS/Javascript

Packet Analysis

Network Development

Network Monitoring

Containers/Dockers

Container Security

AWS Native Services

SQL

through CI/CD pipelines and Terraform

Create monthly reports and document several processes, runbooks and upgrade procedures

## Network Tools and Applications Engineer

***NTT Data Services Singapore Pte. Ltd.***

Aperia Tower 1 Singapore, 339509

June 2021 - May 2023

Implemented improvements to client's network management tools, with specific focus on broadening and deepening the capabilities for network monitoring, fault detection, and recovery

Enhanced client's existing toolsets, identified gaps in coverage and capability, and worked with team leads, architects and engineers in developing solutions to create more specific, granular, and real-time network visibility

Contributed on coding and automation project that developed Network Operations Tools using Python/FastAPI, MSSQL, and ReactJS

Part of a group that does administrative work in QIP, Solarwinds and Netbrain which involves NPM, NCM basic administration and utilizes advance solutions such as developing codes around Solarwinds SWIS API, MSSQL, and Netbrain Restful API.

Developed and documented a process and code for reconciling existing and new devices to ensure that device inventories are in-sync across all platforms and to prevent monitoring and security gaps caused mainly by human error.

## IT Security Senior Consultant

***NCS Pte. Ltd. / Singtel Cybersecurity Pte. Ltd.***

5 Ang Mo Kio Street 62, Singapore 569141

May 2018 - June 2021

Responsible for proactively preventing and mitigating

security threats and vulnerabilities by implementing patches and upgrades on managed security devices, weekly content updates, device backups and proactively coordinated with SIEMs and third-party vendors to assess attacks and patch vulnerabilities

Implemented technical changes and was involved on several projects' solutions and migration of existing applications to cloud, managed incidents and other operational BAU tasks

Managed and administered Cloud Security solutions such as Palo Alto Traps XDR

Led monthly reports creation and documented several processes, runbooks and upgrade procedures

## **Senior Security Analyst**

***NTT Data Services Singapore Pte. Ltd.***

8 Marina Boulevard, Marina Center, Singapore 018984

March 2017 - April 2018

Worked within a team with detailed knowledge on network securities, implemented technical changes and other operational BAU tasks

## **Network Security Engineer**

***Safeway Philtech Inc.***

Mckinley Taguig City, Philippines

November 2014 – February 2017

Led the deployment of Cisco ASA ACLs across 1500+ remote sites via network automation and worked on several projects involving router and switch refresh and firewall migrations

Implemented technical changes and managed incidents with deep troubleshooting via packet analysis and forensics on network and security devices and handled escalations from Network Operations

Administration of network and security devices to ensure their versions and patches are up to date, properly monitored by several monitoring systems, taps and other log facilities for packet capture and network visibility

Conducted internal technical training to the team and knowledge transfer sessions to new hires

## **Network Security Engineer**

***Weserv / Fujitsu Philippines***

BGC Taguig, Philippines

May 2013 – November 2014

Administration of network and security devices to ensure their versions and patches are up to date, implemented technical changes and other operational and BAU tasks

Attended CAB meetings where network changes are up for review and represented network changes as Change Coordinator, Implementer and attended Problem Management meetings as required by business

Responsible for maintenance and updates of network documentation, diagrams and procedures and ensured proper handover of network devices to Operation

## **Network Engineer**

***Regus Service Centre***

BGC Taguig, Philippines

September 2010 – April 2013

Fault analysis and fix on the LAN, WAN, Wireless and Firewall Infrastructure

Effective and professional response and solutions to reported problems, including the proficient diagnosis and repair of complex network faults

Coordinated with regional managers of different IT groups to ensure proper escalation and incident resolution



Part of Problem Management Team which pro-actively monitored network, mitigated and predicted possible network issues identified by several monitoring systems