

# Skillset

- [Technical Skillset](#)
- [Accomplishments](#)

# Technical Skillset

## Skill Level Legend

Skill Level	Explanation
<b>Beginner</b>	Just started learning about this topic and have barely used it. I don't have the knowledge to setup from scratch or manage on a daily basis without significant additional research/assistance in the short term. Uncomfortable with configuring, managing, implementing, or securing this topic. Will learn new things about this topic including implementation, management, configuration, securing, and new features being implemented regularly or even daily.
<b>Proficient</b>	Have utilized in my day to day, either in my homelab or various employers. I don't necessarily have the knowledge to setup from scratch or manage on a daily basis without additional research/assistance in the short term. Still relatively uncomfortable with configuring, managing, implementing, or securing this topic. Actively learning about this topic including new features being implemented regularly or even daily.
<b>Advanced</b>	Heavily utilized in my day to day, either in my homelab or various employers. I have performed setup previously, or on a regular basis, and would need little or no research involving this topic. Very comfortable with configuring, managing, implementing, or securing this topic. Regularly learning about this topic including new features being implemented.
<b>Expert</b>	Heavily utilized in my day to day, either in my homelab or various employers. I have performed setup previously, or on a regular basis, and would rarely need research involving this topic. Incredibly comfortable with configuring, managing, implementing, or securing this topic. Very little left to learn about this topic outside of new features implemented.
<b>Master</b>	Heavily utilized in my day to day, either in my homelab or various employers. I have performed setup previously, or on a regular basis, and would almost never require research involving this topic. Extremely comfortable with configuring, managing, implementing, or securing this topic. Almost nothing left to learn about this topic outside of new features implemented.

# Operating Systems

## Windows Client OS

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Windows 3.1</a>	08-01-1993	Personal interest	Advanced	No
<a href="#">Windows 95</a>	01-01-1996	Personal interest	Advanced	No
<a href="#">Windows 98</a>	01-01-1999	Personal interest	Advanced	No
<a href="#">Windows ME</a>	11-01-2000	Personal interest	Advanced	No
<a href="#">Windows XP</a>	08-25-2001	Personal interest	Expert	No
<a href="#">Windows Vista</a>	01-30-2007	Personal interest	Expert	No
<a href="#">Windows 7</a>	08-22-2009	Personal interest and various employers	Master	No
<a href="#">Windows 8/8.1</a>	08-17-2013	Personal interest and various employers	Expert	No
<a href="#">Windows 10</a>	07-29-2015	Personal interest and various employers/Homelab Use	Master	Yes
<a href="#">Windows 11</a>	01-01-2023	Personal interest and various employers/Homelab Use	Master	Yes

## Windows Server OS

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Windows 2000 Server</a>	08-01-1993	Personal interest in computers	Proficient	No
<a href="#">Windows Server 2003/R2</a>	04-24-2003	Personal interest in computers	Expert	No

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Windows Server 2008/R2</a>	02-27-2008	Tech Team Global	Expert	No
<a href="#">Windows Server 2012/R2</a>	01-30-2013	General Motors	Master	Yes
<a href="#">Windows Server 2016</a>	10-12-2016	General Motors/Homelab Use	Master	Yes
<a href="#">Windows Server 2019</a>	08-30-2019	Syncreon/Homelab Use	Master	Yes
<a href="#">Windows Server 2022</a>	04-04-2022	Pinion/Homelab Use	Expert	Yes

## Linux Client OS/Distributions

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Ubuntu</a>	08-01-1993	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Fedora</a>	01-01-2008	Personal interest	Expert	Yes
<a href="#">Red Hat</a>	08-01-1996	Personal interest	Advanced	Yes
<a href="#">Manjaro</a>	01-01-2015	Personal interest	Advanced	Yes
<a href="#">Arch</a>	01-01-2015	Personal interest	Advanced	Yes
<a href="#">Garuda Linux</a>	05-01-2020	Personal interest	Advanced	Yes
<a href="#">Pop!_OS</a>	01-01-2019	Personal interest	Expert	Yes
<a href="#">Zorin OS</a>	01-01-2019	Current Primary Desktop	Expert	Yes
<a href="#">Parrot OS</a>	01-01-2019	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Kali Linux</a>	01-01-2019	Personal Interest/Homelab Use	Advanced	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Deepin</a>	01-01-2019	Personal interest	Advanced	No
<a href="#">NixOS</a>	01-01-2019	Personal interest	Proficient	No
<a href="#">OpenSUSE</a>	08-01-1995	Personal interest	Advanced	No
<a href="#">SteamOS</a>	01-01-2017	Personal interest	Expert	Yes
<a href="#">EndeavourOS</a>	08-01-2019	Personal interest	Advanced	No
<a href="#">elementary OS</a>	01-01-2015	Personal interest	Expert	No
<a href="#">Debian</a>	10-01-1993	Personal Interest/Homelab Use	Expert	Yes

## Linux Server OS/Distributions

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">SUSE Enterprise</a>	08-01-1993	Personal interest	Advanced	No
<a href="#">Red Hat Enterprise</a>	12-01-2015	General Motors	Advanced	No
<a href="#">Ubuntu Server</a>	12-01-2015	Personal Interest/Homelab Use	Expert	Yes

# Networking Technologies

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">UniFi Access Points, Switches, and Routers</a>	08-01-2015	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Cisco Nexus 3000 Switches</a>	02-05-2023	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Cisco Catalyst 3000 Switches</a>	08-15-2023	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">pfSense Firewall</a>	02-16-2023	Personal Interest/Homelab Use	Master	Yes
<a href="#">pfSense High Availability and ISP Failover</a>	02-16-2023	Personal Interest/Homelab Use	Master	Yes
<a href="#">FortiGate</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">FortiManager</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">UniFi Gateways</a>	05-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">UniFi Switches</a>	05-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">UniFi WiFi Access Points</a>	05-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">UniFi Site Management</a>	05-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">UniFi Site Magic</a>	12-16-2023	Personal Interest/Homelab Use	Expert	Yes
<a href="#">UniFi Protect/Camera Security</a>	05-01-2020	Personal Interest/Homelab Use	Master	Yes
<a href="#">Zscaler Internet Access</a>	03-01-2021	Syncreon	Proficient	No
<a href="#">Zscaler Private Access</a>	03-01-2021	Syncreon	Proficient	No
Routing	08-01-1993	Personal Interest/Homelab Use	Master	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
DNS	08-01-1993	Personal Interest/Homelab Use	Master	Yes
DHCP	08-01-1993	Personal Interest/Homelab Use	Master	Yes
Remote Access	08-01-1997	High School	Master	Yes
LAN/WAN	08-01-1993	Personal Interest/Homelab Use	Master	Yes
<a href="#">SSL VPN</a>	08-01-2015	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Site-to-site VPN</a>	05-01-2018	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Tailscale Mesh VPN</a>	05-01-2020	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Wireguard VPN</a>	05-01-2020	Personal Interest/Homelab Use	Expert	Yes

## Storage Technologies (Hardware and Software)

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Synology NAS</a>	08-01-2015	Personal Interest/Homelab Use	Master	Yes
<a href="#">Synology NAS High Availability and Failover</a>	08-01-2015	Personal Interest/Homelab Use	Master	Yes
<a href="#">FreeNAS/TrueNAS CORE</a>	05-01-2017	Personal Interest/Homelab Use	Expert	Yes
<a href="#">TrueNAS SCALE</a>	05-01-2021	Personal Interest/Homelab Use	Expert	Yes
<a href="#">QNAP NAS</a>	03-01-2022	Pinion	Expert	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Unraid</a>	01-01-2017	Personal Interest/Homelab Use	Master	Yes
<a href="#">Ceph</a>	01-01-2022	Personal Interest/Homelab Use	Proficient	Yes

## Virtualization Technologies

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">VMWare ESXi</a>	12-01-2015	General Motors/Homelab Use	Expert	Yes
<a href="#">VMWare vRealize Operations</a>	12-01-2015	General Motors/Homelab Use	Proficient	Yes
<a href="#">VMWare Horizon</a>	04-01-2019	Meridian Health	Proficient	No
<a href="#">VMWare vCenter</a>	12-01-2015	General Motors/Homelab Use	Expert	Yes
<a href="#">Proxmox Virtual Environment</a>	01-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">Proxmox Virtual Environment High Availability</a>	01-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">XCP-ng</a>	01-01-2020	Personal Interest/Homelab Use	Proficient	No
<a href="#">Microsoft Azure</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Azure Virtual Desktop</a>	03-01-2022	Pinion	Proficient	Yes
<a href="#">Docker</a>	03-01-2018	Personal Interest/Homelab Use	Expert	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Docker Swarm</a>	03-01-2018	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Portainer</a>	03-01-2018	Personal Interest/Homelab Use	Expert	Yes

## AD/Azure/Entra/M365

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Microsoft Active Directory</a>	01-01-2003	MCSE (Windows Server 2003)/Personal Interest/Homelab Use/Various Employers	Expert	Yes
<a href="#">Microsoft Windows Server DFS</a>	01-01-2003	MCSE (Windows Server 2003)/Personal Interest/Homelab Use/Various Employers	Expert	Yes
<a href="#">Microsoft Windows Server DHCP</a>	01-01-2003	MCSE (Windows Server 2003)/Personal Interest/Homelab Use/Various Employers	Expert	Yes
<a href="#">Microsoft Windows Server DNS</a>	01-01-2003	MCSE (Windows Server 2003)/Personal Interest/Homelab Use/Various Employers	Expert	Yes
<a href="#">Microsoft Azure</a>	03-01-2022	Pinion	Expert	Yes

<b>Technology</b>	<b>Date Acquired</b>	<b>Acquired From</b>	<b>Skill Level</b>	<b>Skill Still Used</b>
<a href="#">Microsoft Azure SAML</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Azure SSO</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Azure Enterprise Applications</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Azure Update Manager</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Azure Virtual Desktop</a>	03-01-2022	Pinion	Proficient	Yes
<a href="#">Microsoft Azure Virtual Machines</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Exchange/M365</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Exchange/M365 Mail Flow Configuration</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Entra Conditional Access</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft 365 Admin Center</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Microsoft Security Admin Center (Defender XDR)</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">Microsoft Purview Compliance Admin Center</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">Microsoft Intune</a>	03-01-2022	Pinion	Proficient	Yes
<a href="#">Microsoft Intune Admin Center</a>	03-01-2022	Pinion	Proficient	Yes
<a href="#">Microsoft Sharepoint</a>	06-01-2013	General Motors	Proficient	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Microsoft Sharepoint Admin Center</a>	06-01-2013	General Motors	Advanced	Yes
<a href="#">Microsoft Teams</a>	06-01-2013	General Motors	Advanced	Yes
<a href="#">Microsoft Teams Admin Center</a>	03-01-2022	Pinion	Expert	Yes

## Security Tools

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Blumira (SIEM + XDR)</a>	07-01-2021	Homelab	Advanced	Yes
<a href="#">Wazuh (SIEM + XDR)</a>	07-01-2021	Homelab	Advanced	Yes
<a href="#">CrowdStrike Endpoint Security Platform</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">CrowdStrike Endpoint Security Policies</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">CrowdStrike Host Setup and Management</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">CrowdStrike IOC and IOA Management</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">Mimecast Platform (Email Security)</a>	03-01-2022	Pinion	Expert	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Mimecast Email Gateway Policies</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Mimecast Cybergraph</a>	03-01-2022	Pinion	Master	Yes
<a href="#">Mimecast Impersonation Protection</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">Mimecast Secure Messaging</a>	03-01-2022	Pinion	Advanced	Yes
<a href="#">ADManager</a>	03-01-2022	Pinion	Master	Yes
<a href="#">ADAudit</a>	03-01-2020	Syncreon	Expert	No
<a href="#">Action1 (Patch Management and Vulnerability Remediation)</a>	08-01-2020	Personal Interest/Homelab Use	Master	Yes
<a href="#">OpenVAS</a>	08-01-2020	Personal Interest/Homelab Use/Pinion	Advanced	Yes
<a href="#">Cloudflare</a>	09-01-2020	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Cloudflare DNS</a>	09-01-2020	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Cloudflare Domain Registration/Management</a>	09-01-2020	Personal Interest/Homelab Use	Master	Yes
<a href="#">Cloudflare Email Security</a>	09-01-2020	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Cloudflare Magic WAN</a>	09-01-2020	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">Cloudflare Secure Web Gateway</a>	09-01-2020	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Cloudflare SSL/TLS</a>	09-01-2020	Personal Interest/Homelab Use	Expert	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Cloudflare Tunnels</a>	09-01-2020	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Cloudflare WARP</a>	09-01-2020	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Cloudflare Web Application Firewall</a>	09-01-2020	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Cloudflare Zero Trust Network Access</a>	09-01-2020	Personal Interest/Homelab Use	Expert	Yes
<a href="#">Qualys Vulnerability Scanner</a>	03-01-2020	Syncreon	Proficient	Yes

# Frameworks and Regulatory

## Frameworks

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">ITIL (Information Technology Infrastructure Library)</a>	12-01-2015	General Motors/Homelab Use	Advanced	Yes
<a href="#">NIST Cybersecurity Framework</a>	12-01-2015	General Motors/Homelab Use	Advanced	Yes
<a href="#">SOC 2</a>	08-15-2023	Personal Interest/Homelab Use	Advanced	Yes
<a href="#">CIS (Center for Internet Security)</a>	12-01-2018	Syncreon/Pinion	Advanced	Yes
<a href="#">CIS RAM v2.0 (Center for Internet Security)</a>	12-01-2018	Syncreon/Pinion	Advanced	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used

## Regulatory

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">HIPAA</a>	08-01-2012	Beaumont Hospital	Advanced	Yes
<a href="#">GDPR</a>	12-01-2018	Syncreon/Pinion	Advanced	Yes

## High Availability and Clustering

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Windows High Availability and Clustering</a>	12-01-2015	General Motors	Advanced	Yes
<a href="#">Proxmox Virtual Environment High Availability</a>	01-01-2018	Personal Interest/Homelab Use	Master	Yes
<a href="#">pfSense High Availability and ISP Failover</a>	02-16-2023	Personal Interest/Homelab Use	Master	Yes
<a href="#">Synology NAS High Availability and Failover</a>	08-01-2015	Personal Interest/Homelab Use	Master	Yes

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">CrowdStrike Host Setup and Management</a>	03-01-2022	Pinion	Expert	Yes
<a href="#">haproxy (Load Balancing)</a>	08-01-2015	Personal Interest/Homelab Use	Advanced	Yes

## Programming Languages

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
<a href="#">Bash</a>	02-16-2013	General Motors/Personal Interest/Homelab Use	Proficient	Yes
<a href="#">HTML</a>	02-16-2001	Personal Interest/Homelab Use/Various Employers	Proficient	No
<a href="#">Java</a>	02-16-2001	Personal Interest/Homelab Use/Various Employers	Proficient	No
<a href="#">Powershell</a>	02-16-2013	General Motors/Personal Interest/Homelab Use	Advanced	Yes
<a href="#">Python</a>	02-16-2020	Personal Interest/Homelab Use	Proficient	Yes

## Uncategorized

Technology	Date Acquired	Acquired From	Skill Level	Skill Still Used
------------	---------------	---------------	-------------	------------------

<a href="#">Discord</a>	02-16-2017	Personal Interest/Homelab Use	Master	Yes
<a href="#">Discord Server Management</a>	02-16-2017	Personal Interest/Homelab Use	Master	Yes
<a href="#">Discord Bot Installation/Configuration/Management</a>	02-16-2017	Personal Interest/Homelab Use	Master	Yes
<a href="#">Graylog</a>	02-16-2020	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">NetBox (Data Center Management)</a>	3-01-2021	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">phpIPAM IP Address Management</a>	02-16-2020	Syncreon/Personal Interest/Homelab Use	Expert	Yes
<a href="#">Ansible</a>	12-16-2023	Personal Interest/Homelab Use	Beginner	Yes
<a href="#">Uptime Kuma (server/application monitoring)</a>	02-16-2020	Personal Interest/Homelab Use	Expert	Yes
<a href="#">VSCode</a>	12-16-2023	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">Bookstack</a>	02-16-2020	Personal Interest/Homelab Use	Master	Yes
<a href="#">Gitea</a>	06-10-2024	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">Home-Assistant</a>	02-16-2020	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">Immich</a>	02-16-2024	Personal Interest/Homelab Use	Expert	Yes
<a href="#">MariaDB</a>	02-16-2020	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">MySQL</a>	02-16-2020	Personal Interest/Homelab Use/Variou s Employers	Proficient	Yes
<a href="#">Postgres SQL</a>	02-16-2020	Personal Interest/Homelab Use	Proficient	Yes
<a href="#">Watchtower</a>	02-16-2020	Personal Interest/Homelab Use	Proficient	Yes



# Accomplishments

## Severe Incident Recovery

Incident	Description	Date Occurred/Resolved
<a href="#">Worldwide CrowdStrike Outage</a>	Recovered all Azure servers within an hour of being made aware of the outage without losing data.	07-19-2024
		00-00-0000
		00-00-0000

## General Security Accomplishments

Incident	Description	Date Occurred/Resolved	Company Impacted
Pinion Mailbomb	4+ users were impacted with a mailbombing campaign. Within 30 minutes, I had created new policies within Mimecast to mitigate these tactics which reduced the numbers of emails coming into these users' mailboxes by over 80%, with the subsequent 20% reduced over the following 72 hours. All emails and email addresses sending these spam registrations and "account recoveries" were removed from the users' mailboxes and blocked for the firm.	10-18-2024	Pinion

Incident	Description	Date Occurred/Resolved	Company Impacted
Pinion Mailbomb	<p>1 user was impacted with a mailbombing campaign. Within 30 minutes, I had created new policies within Mimecast to mitigate these tactics which reduced the numbers of emails coming into these users' mailboxes by over 90%, with the subsequent 10% reduced over the following 72 hours. All emails and email addresses sending these spam registrations and "account recoveries" were removed from the users' mailbox and blocked for the firm.</p>	10-24-2024	Pinion
Pinion Mailbomb	<p>1 user was impacted with a mailbombing campaign. Within 30 minutes, I had created new policies within Mimecast to mitigate these tactics which reduced the numbers of emails coming into these users' mailboxes by over 95%, with the subsequent 5% reduced over the following 72 hours. All emails and email addresses sending these spam registrations and "account recoveries" were removed from the users' mailbox and blocked for the firm.</p>	10-25-2024	Pinion
Traveling Users Conditional Access Policy	<p>Created a conditional access policy, setup groups, and created an "Access Package" within Azure where users can "request" access to their firm technology when traveling away from their home office. This reduces the need to manually do this when a user travels and cuts down mistakes and security holes when originally applied to the whole firm.</p>	09-09-2024	Pinion

# General Infrastructure Accomplishments

Incident	Description	Date Occurred/Resolved	Company Impacted
Created Intune Policies to Rollout 1Password to Entire Firm		10-18-2024	Pinion
		10-24-2024	
		10-25-2024	
		09-09-2024	