

# Eric Milan

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## Skills

**Software:** C, Go, Python, Rust, Bash, Git, Unix, Linux, Windows, Ansible, Terraform, Packer, Vim, VScode, Docker

**Security:** SOAR Automation, SIEM (Rapid7), EDR (CrowdStrike), Cloud Security (Azure, AWS), Threat Detection

**Environments:** AWS, GCP, Azure, O365, Microsoft Defender, VMware, KVM, Ubuntu, RedHat, Windows Server, Cisco Meraki, Fortinet

## Education

<b>Salt Lake City, Utah</b>	<b>Western Governors University</b>	<b>Aug 2020 - May 2021</b>
<b>Major:</b> Master of Science Cybersecurity and Information Assurance		
<b>Coursework:</b> Secure Network Design, Security Operations, Cloud Security, Secure Software Design, Cybersecurity Architecture and Engineering		
<b>Salt Lake City, Utah</b>	<b>Western Governors University</b>	<b>Apr 2018 - Apr 2020</b>
<b>Major:</b> Bachelor of Science Cloud and Systems Administration		
<b>Coursework:</b> Scripting & Programming, Web Development, Cloud, Network & Security, Linux		

## Employment

<b>Security Engineer L3</b>	<b>Inovalon</b>	<b>Oct 2024 - Present</b>
<ul style="list-style-type: none"><li>• Serve as the automation lead, driving automation efforts across the SOC team using Python, Go, and SOAR platforms</li><li>• Perform SOC analytics and engineering, working security tickets in ServiceNow and conducting security investigations and writeups</li><li>• Implement and manage Rapid7 products including SIEM, SOAR Automation, and Attack Surface Management</li><li>• Develop automation solutions using Python and Go with Rapid7 APIs for security operations and threat response</li><li>• Work with Microsoft security stack including Office 365, Azure, and Microsoft Defender products in a Microsoft-centric environment</li><li>• Administer and utilize CrowdStrike EDR for endpoint detection and response</li><li>• Lead SOC-related projects to improve security posture and operational efficiency</li><li>• Worked with AWS, GCP, and Azure for cloud security investigations and SOAR automation</li></ul>		
<b>Network Engineer</b>	<b>West Jefferson Hills School District</b>	<b>Apr 2018 - Sep 2024</b>
<ul style="list-style-type: none"><li>• Managed Windows Active Directory/Office 365 environment for 4000 users</li><li>• Utilized Terraform to automate IT infrastructure for KVM, GCP, and AWS environments.</li><li>• Utilized Ansible to automate configuration and management of IT infrastructure for KVM, GCP, AWS, Linux and Windows Servers and Desktops.</li><li>• Spearheaded project replacing VMware environment with KVM, GPC, and AWS reducing cost by 70%.</li><li>• Developed Go web application to locate devices on wireless networks reducing the risk of lost devices by 80%.</li></ul>		

- Developed multiple Go and Python applications for automating common tasks such as automated backups and data processing.
- Utilized Fortinet equipment such as FortiGate, FortiVoice, and FortiSwitch.
- Utilized Cisco Meraki equipment such as Cisco Meraki MS Switches and Cisco Meraki MR Wireless Access Points.
- Utilized Genetec Security Center for door access and security cameras.
- Leveraged knowledge in Git, IaC tools Terraform, Ansible, and Packer, programming in Go and Python using Vim, Full Stack Web development, Docker.

**Computer Technician**

**Frazier School District**

**Aug 2013 – Apr 2018**

- Spearheaded project replacing VMware environment with AWS reducing cost by 60%.
- Increased wireless coverage from 20% to 100% by implementing a Cisco Meraki wired and wireless network.
- Developed Python application for monitoring the temperature and humidity of a student run greenhouse project.
- Leveraged knowledge in Git, programming in Python using Vim, Full Stack Web development.

## **Certifications**

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- **CompTIA Linux+, CompTIA Project+, CompTIA Cloud Essentials, LPI Linux Essentials**