

# Mark LaBarbara

Denver, CO | (720) 984-2052 | [mark@labarbara.cc](mailto:mark@labarbara.cc)

<https://labarbara.cc> | <https://github.com/mlabarbara> | <https://www.linkedin.com/in/mark-it>

## EDUCATION & CERTIFICATION

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- **United States Marine Corps** 2007-2011
- **CompTIA Security+** Certified (2023)
- **Bachelor of Science** in Cybersecurity, Metropolitan State University of Denver | **Honors:** Cum Laude

## TECHNICAL SKILLS

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- **Enterprise Infrastructure:** Active Directory, DNS, DHCP, VPN, Cisco networking, VoIP, PoE, Group Policy, WSUS
- **Cloud & Virtualization Administration:** Microsoft 365 Suite, SharePoint, Azure AD, Proxmox VE, Hyper-V, Linux KVM, AWS Fundamentals
- **Security:** SIEM (Wazuh), PCI-DSS compliance, ISO 27000/27001, NIST, incident response, vulnerability management, MFA implementation, EDR/XDR
- **Development:** PowerShell Scripting, Git Version Control, Docker, Kubernetes, Terraform, Ansible
- **Systems:** Windows Server, Linux, IAM, Databases, Backup Solutions, System Center, Exchange Online
- **Leadership:** Team supervision, project management, cross-functional collaboration, stakeholder communication, mentoring, USMC leadership training

## SYSTEM AND NETWORK ADMINISTRATOR | Sequoia Tax Relief, Westminster, CO | 04/2023 - Present

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- Architected and managed enterprise network infrastructure, including L3 switches and firewalls, optimizing performance and security posture, maintaining 99.99% uptime
- Created internal knowledge base and documentation system, improving IT response efficiency
- Implemented comprehensive security frameworks (ISO27001/2, PCI-DSS, GLB, IRS) and developed company-wide security policies and training
- Established role-based access control and NTFS file permissions through Active Directory and SMB server
- Developed custom PowerShell solutions (2K+ LOC) for SharePoint client portal management and automation
- Deployed RMM system enabling secure remote work capabilities for IT and staff
- Innovated client service delivery using LLMs and RAG for automated IRS document processing and knowledge base

## SALES & TECHNOLOGY CONSULTANT | Various Organizations, Denver, CO | 2020 - 2022

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- Implemented CRM workflow automation, reducing response times by 25%
- Negotiated contracts exceeding \$2 million for customers across domains such as Motorcycles, Windows & Doors, and Roofing.
- Developed and executed employee training programs, supervised and trained teams of 5+

## NOTABLE PROJECTS

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- Infrastructure Automation Lab: Currently implementing enterprise-grade virtual environment using Terraform and Ansible for automated deployment of Kasm workspaces, Kali Linux, and containerized applications
- Security Operations Center (SOC) Simulation: Home lab using Zero Trust Architecture with Kubernetes, Docker, and pfSense. Implemented Wazuh SIEM for logging and monitoring 1000+ daily network events
- Linux Environment: Samba SMB configuration, Apple Time Machine backup integration for macOS
- Personal website: <https://labarbara.cc> | Code is stored in GitHub repository (MLabarbara/website) and automatically deployed using GitHub actions and Netlify deployment automation