Michael DeSocio

B.S. Informatics Concentration in Cybersecurity

Focused and Passionate on the development and growth of Cloud Services and the secure use of Cloud Service Providers.

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INDUSTRY EXPERIENCE

Server Committee Lead
University at Albany, SUNY Cyber Defense Organization

01/2022 - Present   *Albany, NY*
A club at UAlbany that concentrates on Cybersecurity in both Blue and Red Team competitions.

Achievements/Tasks
- Transitioned hypervisors from Proxmox to XCP-NG (Xen Server) due to poor VM metadata handling by Proxmox.
- Redesigned network topology to ensure proper network segregation of services and clients.
- Created and Presented Workshops on Network Security, Virtualization, and Networking.

Infrastructure Consultant
Creatorsphere Ltd.

07/2021 - 03/2022   *London, England*
Startup Multimedia Content Delivery Platform

Achievements/Tasks
- Maintained company cloud infrastructure and patching.
- Ensured service reliability when called upon.
- Updated all internal wiki's and company documentation when necessary.

Systems Administrator
CreatorSphere Ltd.

03/2021 - 06/2021   *London, England*
Startup Multimedia Content Delivery Platform

Achievements/Tasks
- Deployed vSphere in OVH to build internal wikis, messaging, VPN, and monitoring tools.
- Managed and scaled hosted applications and MySQL Databases across all major cloud providers.
- Developed a company Disaster Recovery Plan (DRP) and internal documentation.

Network Consultant
Various Organizations

12/2018 - Present   *Glens Falls, New York Area*
Local Churches and Small Businesses

Achievements/Tasks
- Design, install, deploy, and manage network devices and services utilizing SD WAN solutions such as Ubiquiti UniFi Networks.
- Ensured uptime for organization critical infrastructure.
- Deployed and Managed VOIP and SIP services.

EDUCATION

B.S. Informatics
University at Albany, SUNY

01/2021 - Present   *Concentration in Cybersecurity, GPA: 3.21*

Networking and Cryptography, Introduction to Digital Forensics, Information Security Assurance
- Developing knowledge regarding risk mitigation and incident response while educating students on the importance of TTPs (Techniques, Tactics and Procedures) and IoCs (Indicators of Compromise).
- Anticipated Graduation 2023.

TECHNICAL SKILLS

Infratructure Technology
Virtualization, Storage Architecture, Opensource Applications and Software, Firewall Deployment, SDN and SD-WAN Network Equipment.

Systems Administration
Microsoft Office 365 Administration, Microsoft Active Directory Administration, Google Workspaces Administration, LDAP, and RBAC.

PERSONAL PROJECTS

Personal React Website (11/2021 - Present)
- Deploy with zero cost hosting (minus domain cost).
- Ensure a secure site with little personal information as possible.
- Responsive web design.

TrueNAS Personal NAS Build (01/2021 - Present)
- Using ZFS as a reliable RAID for over 30TB of personal data (photos, music, documents, videos).
- Local Snapshots of ZFS with Daily S3 Bucket Syncs to BackBlaze B2.
- Utilizing SHA512 Encryption of Files prior to Cloud Sync.

INTERESTS

Woodworking   Camping   Jazz/Classical Music

Theater   Community Advocacy