ERIC SOMOGYI

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SKILLS & KNOWLEDGE

- Able to deploy, configure, and manage cloud security controls across AWS, Azure, and hybrid environments.
- Integrate CI/CD pipelines with JIRA, Jenkins, Ansible, AWS CodePipeline, and GitHub Actions for secure and automated deployments.
- Deply Ansible playbooks with python/bash scripts to monitor and analyze logs with SIEM tools (Splunk, Nessus) and perform incident response using vendor agnostic software.
- Leverage Azure AI Services for email/document intelligence extraction or AWS GuardDuty/Lambda functions and general ML knowledge to fine-tune algorithms for security and operational use cases.

- **OS/Kernel:** Linux Environments, Azure AD, macOS
- **Cloud & Identity:** AWS Native platform, Azure Platform/Entra, IAM, Okta
- **Collaboration Tools:** Google Workspace, M365, Slack, JIRA
- **GenAI:** Azure AI Services, General Knowledge of ML Algorithms and fine-tuning in Azure/AWS
- **Containerization:** Docker, Podman
- **Orchestration:** Kubernetes, AKS, IaC with Terraform, Rancher, YAML
- **API:** API Management, API Automation for different use cases, Postman, OpenAPI
- **Provisioning/Config-Management Tools:** Bash Scripts, Ansible, Powershell
- **Deployment Tools:** Jenkins, AWS CodePipeline, Github Actions
- **Language:** Python, Ruby, Javascript, JSON
- **Databases:** Basic SQL/Relational/Non-relational, Document Management
- **Networking:** LAN/WAN/SD-WAN, Cisco CLI, BGP/OSPF/EIGRP/HSRP/MPLS, Cisco Router/Switch/ Config, TCP/IP, IoT Networking (Mesh topology, Sensor-oriented, data oriented, pruning, service-oriented, Medium Access Control, MAC Protocols: TDMA/FDMA, CSMA/CD/CA, RFID and K Coverage in WSN, IEEE 802.11ax, Event and sample-based reporting, 6LoWPAN, IEEE Clustering algorithms for clustered nodes)
- **Firewalls:** Proxy Firewalls, Cloud, Endpoint, NAT, NGFW, Packet-filtering, SMLI, Threat-focused
- **Pen-Testing/Purple Team:** Kali Linux, IDA PRO, Mimikatz, Kerberos/Golden Ticket techniques, Meterpreter, msfvenom, Metasploit, Forensics tools, Empire C2, Wireshark, BurpSuite, Caido, and many open source Github tools
- **Security/Policy:** Log Management, Report writing, Forensics, Incident Response, Enterprise Incident Response Management, Writing AI or Information Security Policy's, Conducting Risk Assessments, Network Defense, Security Control Frameworks, IDS/IPS, SIEM, EDR, Nessus, Splunk
- **Frameworks:** NIST CSF 2.0, NIST AI RMF 1.0, COBIT, ISO/IEC 27001/27002, SCF CP 2023.4, PCI-DSS 4.0, MITRE, HIPPA, SOX, OWASP Top 10, Following SOPs
- **Soft skills:** Customer-First Mindset, Collaboration and teamwork, Critical Thinking, Problem Solving, Detail-oriented, Presentation skills, Technical Communication, Articulation
- **Learning Interests:** SentinelOne AI SIEM, Singularity XDR, RecordedFuture, Crowdstrike Falcon, Forcepoint DDP/DSPM/DDP, IBM QRadar, Zscaler technologies, FortiAnalyzer, Advanced Cisco/Palo Alto Data Center/DevNet Automation skills.

PROFESSIONAL EXPERIENCE

STELLAR MEDIA PRODUCTIONS LLC | IT SPECIALIST | 2016 – 2022 | CHICAGO
Technical Support, support of AV/computer solutions, operating & troubleshooting.

IATSE LOCAL 2 - RETIRED | AV ENGINEER | 2015 – 2022 | CHICAGO
HTTPS://IATSE.NET/ | HTTPS://WWW.IATSELOCAL2.COM/
Multiplexing hardware, server, routing, installation and maintenance of digital systems, redundant power supply, including radio equipment, video servers, coms, and computer hardware.

EDUCATION

DEPAUL UNIVERSITY – 2023-2025 (JUNE)
Chicago, IL | Masters MS in Cybersecurity: Networking and Infrastructure – GPA: 3.7/4.0

COLUMBIA COLLEGE CHICAGO - 2012–2014
Chicago, IL | Bachelor BA in Multi-media - *Minor:* Marketing Communications – GPA 3.6/4.0

ACHIEVEMENTS **CYBER COMPETITIONS COMPLETED:**

1. NCL Cyber Skyline, Fall/Spring 2024/2025
2. NYU International Cybersecurity Competition (CSAW), Fall 2024 – 3rd Place Winner Individual, Project: "CSAW 2024 Cyber Policy Competition Software Security and Liability" - $500 Award - https://www.csaw.io/cyber-policy-competition
3. Northwestern University Wildhacks, Spring 2025 – Project Link: https://devpost.com/software/inview-d9tnhw
4. University of Illinois Chicago – Capture the Flame CTF, Spring 2025, https://wicysuic.github.io/CTF/
5. DePaul DaemonCon CTF, Spring 2025, https://daemoncon.com/

CERTIFICATIONS **PASSED:**

1. GitHub Foundations: https://learn.microsoft.com/api/credentials/share/en-us/EricSomogyi-6447/D4A1E40ED6EDDB1B?sharingId=D0BCEED78BB299E9
2. Azure AZ-900: https://learn.microsoft.com/api/credentials/share/en-us/EricSomogyi-6447/56ECA82E1BC7FEB?sharingId=D0BCEED78BB299E9
3. Azure SC-900: https://learn.microsoft.com/api/credentials/share/en-us/EricSomogyi-6447/91C53C13358E989D?sharingId=D0BCEED78BB299E9
4. AWS AI Practitioner: https://cp.certmetrics.com/amazon/en/public/verify/credential/e26f3472c18a43e5b72416eef1b2c6ab
5. AWS Cloud Practitioner: https://cp.certmetrics.com/amazon/en/public/verify/credential/38fdd83f997145bab3bfdeb6158cf7db
6. AWS Solutions Architect Associate: https://cp.certmetrics.com/amazon/en/public/verify/credential/da843671a8a8414db2ae46d6df69d5a5