

Sean Connelly

Location: Fort Lauderdale, FL
Remote Only



Email: On Request
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SUMMARY

I am a Technology and Security Manager with a Master of Science in Information Security and Assurance and a range of certifications, including Microsoft Azure AI, CompTIA Security+, and multiple GitHub Certifications. With over a decade of experience, I specialize in CloudOps, DevOps, and CyberSecurity, leading initiatives that enhance automation, performance, and security across cloud-based platforms. My work includes spearheading AI/ML integrations, implementing CI/CD pipelines, and developing robust security frameworks to ensure operational excellence and compliance in high-stakes environments.

SKILLS

- **CloudOps:** Service Delivery, Capacity Planning, Roadmap Development, Cloud Architecture, Infrastructure Design & Deployment, Testing & Automation, Security, Performance Monitoring, Knowledge Management
- **DevOps:** GitHub Advanced Security, Hashicorp Terraform, Packer, Octopus Deploy, PowerShell DSC, GitHub, Kubernetes
- **Generative AI:** OpenAI API (since 07 '21), GPT-4 (also 3, 3.5), Semantic Kernel, AutoGen, Self-Hosting
- **Leadership:** Strategic Planning & Execution, Project Management, Process Improvement, Collaboration, Training
- **Security:** Cybersecurity Operations, Azure Sentinel SEIM, Defender Endpoint Security, Splunk, Qualys vulnerability management, and risk assessment.
- **Software:** Azure, Amazon Web Services, Az/AWS GovCloud, VMware, Trend Deep Security, Datadog, Citrix, Active Directory, PowerShell

EDUCATION

- Master of Science in Information Security and Assurance, Embry-Riddle Aeronautical University; 3.9 GPA 2023
- Bachelor of Science in Office Administration and Technology, Valdosta State University 2013

CERTIFICATIONS

- Microsoft Azure AI Fundamentals
- CompTIA Security+
- Databricks Generative AI Fundamentals
- GitHub Actions
- GitHub Administration
- GitHub Advanced Security
- AWS Certified Solutions Architect
- Trend Micro Certified Professional for Deep Security
- Windows Server Admin
- Microsoft Certified Professional
- Cisco Meraki Network Operator
- VMware Certified Associate

EXPERIENCE

DevOps Manager, HungerRush & OrderAI

Mar 2023 – July 2024

- Lead a dynamic DevOps team, focusing on driving team efforts and automation advancements.
- Used modern product delivery tools to streamline operations and implement CI/CD pipelines in both Azure DevOps and GitHub Actions, building an iterative delivery approach that meets mission and user needs.
- Migrated from Azure DevOps to GitHub, Octopus Deploy and Jira across all transferable functionality.
- Managed hiring and performance reviews, fostering team members' skill development through mentoring and 1:1s, ensuring regular engagement and building trust and rapport with the team.
- Advanced Speech-to-Text AI system by 3 years, by proposing and designing machine learning integration concept frameworks such as LLM APIs, as well as vector databases, embeddings, and model retraining. Securing leadership buy-in and developing product strategies and roadmaps for AI/ML-enabled solutions.
- Conduct instructional security classes for AI developers and management on AI opensource tools, and capabilities.
- Designing mitigating solutions to security crises, advising on security response, and assisting in designing security improvements for long-term security assurance.
- Led DevSecOps initiatives by leveraging SonarCloud for continuous code quality and application security assessments, enhancing the security posture and compliance of development pipelines. Initiated Vulnerability assessment program for hosted environments.
- Represent HungerRush in working group and conferences regarding DevSecOps and AI adoption.
- Utilized Agile methodologies within Azure DevOps and Jira to organize project requirements into epics, user stories, and tasks, orchestrating sprint planning and execution to enhance project transparency and team velocity.

Cloud Solutions Engineering Manager, Emphasys Software PHA

Apr 2019 – Dec 2022

- Defined and executed the cloud solutions strategy for Elite, a full-stack software solution to help Public Housing Agencies remotely manage low/no-cost housing in their areas to drive platform and revenue growth with a team of 3 engineers.
- Designed and built a CI/CD deployment automation pipeline to deliver an end-to-end bootstrapped infrastructure

management, and monitoring solution to optimize costs and create a seamless UX for State and City clients including NY and MI generating \$2MM annually.

- Evaluated and integrated emerging technologies and patterns into our solutions to achieve high market agility, including Azure Virtual Desktop, MSIX, and FSLogix for improved user experience. Kubernetes, API Management, and other tools to enable the adoption of CI/CD practices to reduce internal development and cloud hosting overhead costs.
- Proactively identified and prioritized development of automated solutions that minimize maintenance and increase functionality, reliability, and scalability, to integrate self-repairing capabilities into the hosted platform.
- Advanced operation team practices across entire business portfolio, through group presentations and one-on-one architecture design meetings, to build CI/CD pipelines and adopt modern software development patterns.
- Designed and autonomously enforced a NIST 800-53 secure environment by establishing and strengthening all security practices, including a vulnerability management program, patch management, CAB security, and SOC audits. Encoded security controls using IaC for durable enforcement.

Network Administrator, Berkowitz Pollack Brant

May 2018 – Apr 2019

- Led the transition from a VMware and colocation environment to Azure and advised on cloud security practices.
- Established Jira processes and department policies to improve response time and client satisfaction.

Cloud Engineer, CloudHesive

Sep 2017 - May 2018

- Designed and delivered secure enterprise cloud solutions with automated backup, security, cost optimization, and hybrid networking features while managing first responses, triage, and assignment to reduce downtime and increase productivity.
- Reduced costs by 60% consulting clients on stop/start schedules, automating aged backup deletes, and reserved instances.
- Managed SecOps and alert logging solutions, using Trend Deep Security, Vormetric, Datadog, Sumo Logic, and AlertLogic, to decrease time to respond and quickly remediate alerts with minimal downtime.
- Implemented hybrid cloud architecture to ensure reliability between on-premises and cloud-based systems.
- Employed ITIL practices and wrote SOP documentation to bring practices in line with SOX security compliance.

Helpdesk Technician, Greenberg Traurig LLP

Jul 2015 – Sep 2017

- Managed helpdesk escalations for Mac and PC hardware, printers, computer peripherals, and mobile iOS, Android, and Blackberry devices in-person and via tickets with a focus on reducing time to response and resolution for 3,500+ users.
- Troubleshoot network connectivity for Ethernet, WiFi, TCP/IP, and VPN, modified Active Directory Accounts, supported Adobe and Microsoft Office Products, and resolved issues for offsite clients using VNC and Citrix.

Head of Technical Support, Stadium 1 Software LLC

Apr 2014 – May 2015

- Led the implementation, training, and support for software solutions deployed to 20+ MLB stadiums with 5,000+ users.

PROFESSIONAL MEMBERSHIP

- **South Florida Chapter, Information Systems Security Association (ISSA)**
- **Electronic Frontier Foundation**

