Sean Connelly

Location: Fort Lauderdale, FL
Remote Only

Email: sean@connelly.tech
Phone: 912 844 1289

SUMMARY

Cloud Development Operations Manager with 10 years of experience strengthening the automation, performance, reliability, and security of cloud-based platforms at scale. Hands-on Leader focused on empowering diverse teams to create and monetize innovative technology solutions. Large Language Model/Machine Learning enthusiast, keeping up to date with research paper developments, continually learning and experimenting on self-built/hosted compute system.

SKILLS

- **CloudOps:** Service Delivery, Capacity Planning, Roadmap Development, Cloud Architecture, Infrastructure Design & Deployment, Testing & Automation, Cybersecurity, Performance Monitoring, Knowledge Management, Documentation
- **DevOps**: Hashicorp Terraform, Packer, Octopus Deploy, PowerShell DSC, GitHub, GitHub Actions, Kubernetes
- **Large Language Models**: OpenAI API (since 07 '21), GPT-4 (also 3, 3.5), Llama, gptq, LangChain, Chroma, Stable Diffusion
- **Leadership:** Strategic Planning & Execution, Project Management, Process Improvement, Collaboration, Training
- **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   2023
- Bachelor of Science in Office Administration and Technology, Valdosta State University   2013
- **Certifications:** AWS Certified Solutions Architect, Trend Micro Certified Professional for Deep Security, CompTIA Security+, Windows Server Admin, Microsoft Certified Professional, Cisco Meraki Network Operator, VMware Certified Associate

RELEVANT EXPERIENCE

Manager, Lead DevOps Engineer, HungerRush & OrderAI   2023 - Present

- Lead a dynamic globally distributed DevOps team, driving team efforts and automation advancements.
- Utilize and improve Azure, Azure DevOps, and implement Octopus Deploy, Terraform, and Kubernetes to streamline operations and implement CI/CD pipelines for previously siloed dev teams.
- Managing hiring and performance reviews fostered team members' skill development through mentoring and 1:1s.
- Introduce and design machine learning integration concept frameworks like LLM APIs, as well as vector databases, embeddings, and model retraining to fit business use-cases and take advantage of market opportunities.
- Design use-case specific testing methodology for automated functionality testing voice and logic within large language models for automated order taking and handling.
- Conduct instructional classes for AI developers and management on ML developer tools, features, and methods.
- Design mitigating solutions to security crises, advise on security response, assist in designing security improvements for long term security Assurance.

Manager, Cloud Solutions Engineer, Emphasys Software PHA   2019 - 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.
- Consulted and advised sister company operation teams, through group presentations and one-on-one architecture design meetings, to build CI/CD pipelines and adopt modern software development patterns.
- Maintained a secure environment by establishing and strengthening all security practices, including a vulnerability management program, patch management, CAB security, and SOC audits documentation.

Network Administrator, Berkowitz Pollack Brant   2018 - 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   **2017 - 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   **2015 - 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.
- Troubleshot 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   **2014 - 2015**
- Led the implementation, training, and support for software solutions deployed to 20+ MLB stadiums with 5,000) users.