

Matthew Connley

matt@mattconnley.com | 312.899.6841 | linkedin.com/in/mattconnley

Principal Engineer | Technical Director

Recognized as a leader and awarded as an innovator. Results-driven, full stack solutions engineer and a quick study with a life-long passion for technology. A broad range of experience and a depth of expertise, spanning software and infrastructure engineering. Able to build scalable, business-critical, and high-performance solutions that stand the test of time. Congenial personality and strong communication skills to foster lasting working relationships.

Technology Summary

Client/Server: .NET (C#/VB.net), WCF, WPF, MVVM, SOA, ESB

Web: ASP.NET, MVC, SOAP and RESTful services

Database: Microsoft SQL Server, PostgreSQL, MySQL

Systems Infrastructure: Windows, Linux, VMWare vRealize (vCenter, Orchestrator, Operations Management, Automation/vRA), IIS, SaltStack

Scripting: Powershell, Python

Cloud / Datacenter Automation: vRealize Automation, Azure, AWS, Google Cloud, Packer, Terraform, some Kubernetes

Experience

Charles Schwab / optionsXpress, Chicago, IL

06/2006 – 04/2021

Principal Engineer, 09/2018 - 04/2021

Technical and strategic lead on design and implementation of Schwab's internal IaaS product. Led cross-functional team of developers / systems engineers to build and support IaaS solution.

- IaaS solution resulted in transitioning from less than 50% of all server builds executed automatically to >90%, with ~ 10,000 virtual servers provisioned resulting in dramatic cost savings.
- Designed all significant aspects of end-to-end IaaS solution using custom UI/REST API, vRealize Automation (vRA), SaltStack configuration management, and many custom solutions. Oversaw and participated in development of all applications, scripts, and orchestration for IaaS product.
- Provided design and operational guidance to Schwab-wide application teams for adoption of IaaS and IAC practices and principles.
- **CEO Award - Charles Schwab, 2019**

Charles Schwab / optionsXpress | Senior Systems Design Engineer, 10/2011 – 09/2018

Charles Schwab / optionsXpress | Systems Engineer, 06/2006 – 10/2011

Built custom infrastructure and business monitoring/administration application suite in use for 10+ years. Senior member of team that implemented an Infrastructure as a Service product.

- Greatly enhanced production availability and engineer productivity with continuously evolving, custom tool set.
- Developed applications and reporting that substantially improved efficiencies in Trade Execution Desk operations—reduced errors and risk.
- Created a large tools suite that improved processes across the organization, including systems administration, compliance, and trading.
- Enhanced / extended multiple existing tools and created new scripts and applications to automate infrastructure provisioning and management.

- **Most Innovative Employee Award Recipient – 2011**
Additional Relevant Experience
- **ABN AMRO Services Company / IBM Global Services, Chicago, IL | Sr. Systems Developer**
- **Giant Step Productions, Chicago, IL | Internet Operations Engineer | Systems / Network Engineer | Hosting Operations Coordinator**
- **Stan's Office Machines, Woodstock, IL | Systems and Network Engineer**
- **NTEK Computing, Woodstock, IL | Engineer**
- **Illinois Internet Communications, Woodstock, IL | Systems Engineer**

Certifications

Lean IT Association Foundation, 2018