

Work Experience:

Houston Texas Firefighters FCU - Houston, TX | November 2022 - Present

IT Systems Administrator

- Independently migrated VMware ESXi to Microsoft Hyper-V in-house, avoiding over \$20,000 in outsourced implementation costs.
- Administer IT infrastructure across three locations, including Active Directory, Microsoft 365, Jack Henry Symitar, Fiserv Nautilus, and Veeam backup.
- Designed and deployed the credit union's first remote deposit operation at NRG Center, integrating VPN connectivity, venue networking, and receipt printing.
- Remediated critical PHP2Shell vulnerability on an internal IIS intranet server within 30 minutes of public patch release.
- Automated daily financial report retrieval and processing with PowerShell, eliminating manual execution and reducing missed-workflow risk.

The Go Solution (TGSi Insurance) - Houston, TX | February 2022 - September 2022

Application Developer

- Designed and implemented a Salesforce Apex refund approval workflow from partial requirements, automating request submission, approval routing, and processing queues.
- Resolved Salesforce issues for insurance agents through Zoho tickets.

Core Business Technology - Houston, TX | June 2020 - February 2022

Technician

- Designed and deployed a condominium network distributing a shared 1 Gbps internet connection over existing coaxial infrastructure using Ethernet over coax adapters.
- Configured guest networks, VLANs, and internet access restrictions, and deployed CCTV systems.
- Evaluated and optimized client telecommunications services, reducing recurring operating expenses through provider and service plan changes.

Education:

Bachelor of Science in Computer Science | December 2021

University of Houston-Downtown - Houston, TX

Certifications:

Nautilus Certified System Administrator | September 2023 – Fiserv Nautilus (Hyland OnBase)

Projects:

FlowHarmonic | October 2026

- Developed a multi-zone audio orchestration layer for Snapcast; completed initial development milestones and published a preview release on GitHub.

No Part Finance | August 2026

- Developed a self-hosted expense tracking application for Windows and Linux, with platform-specific bootstrap scripts that automatically install dependencies and launch the application.

Technical Skills:

Systems & Virtualization

Windows Server 2016–2025, Linux Administration, Hyper-V, VMware ESXi, Active Directory, Group Policy, Docker

Networking & Security

pfSense, OPNsense, Ubiquiti UniFi, VLANs, VPNs

Enterprise Administration

Microsoft 365, Microsoft Entra ID, Veeam Backup, NinjaOne RMM, Jack Henry Symitar, Fiserv Nautilus, Microsoft IIS

Scripting & Automation

PowerShell, Python, Bash, WinSCP, SQL, Salesforce Apex