

ETHAN JUENGERMAN

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Chicago, IL
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WORK EXPERIENCE

SENIOR SYSTEMS ENGINEER

Simpson Thacher & Bartlett LLP | September 2024 – Present

- Lead Engineer for Client Platform Engineering.
- Spearheading the transition of the organization's device Operating System Deployment (OSD) from an external vendor to an in-house solution using Microsoft Endpoint Configuration Manager (MECM) and automation tools.
- Managing and maintaining a hybrid environment of 800+ Windows servers, including Azure-based virtual machines and on-premises systems, ensuring high availability, security, and performance.
- Leveraging Azure Resource Manager (ARM) templates and Infrastructure as Code (IaC) principles to provision and manage cloud resources consistently.
- Overseeing Active Directory (AD) and Group Policy (GPO) for enterprise-wide identity and access management, including policy development and OU structure optimization.
- Collaborating with InfoSec and compliance teams to maintain regulatory standards and harden systems against vulnerabilities through security baselines, access control policies, and patching strategies.
- Improving build pipelines and post-deployment processes using MECM task sequence enhancements and custom PowerShell modules for system configuration, software delivery, and reporting.
- Architecting automation solutions with PowerShell and Python, including integrations with RESTful and GraphQL APIs to streamline configuration, reporting, and infrastructure management.
- Worked within Agile/Scrum methodologies using Azure DevOps, contributing to sprint planning and issue tracking. Utilized ADO Repos for version control and began building CI/CD pipelines to support infrastructure automation and deployment goals.

SENIOR INFRASTRUCTURE ENGINEER

Victoria's Secret | July 2022 – September 2024

- Lead Engineer for Stores Infrastructure.
- Managed infrastructure for over 900 Victoria's Secret and Pink retail stores across North America.
- Served as Lead Engineer, mentoring junior engineers and aligning infrastructure projects with critical business priorities.
- Optimized POS and server performance through Docker, Docker Compose, and Kubernetes-based deployments.
- Led post-divestiture migration efforts, creating a new company domain with 150+ Azure VMs and transitioning thousands of users/devices into a secure, cloud-connected environment.
- Collaborated with cross-functional teams and vendors to deploy next-gen POS technologies, improving system stability and customer experience.
- Automated infrastructure tasks across DFS, Active Directory, MECM, and SCOM using PowerShell, Python, and VBScript.
- Integrated API-driven automation workflows with MECM and JAMF, streamlining device provisioning, reporting, and configuration management.
- Implemented CI/CD pipelines using Git, Jenkins, and Bitbucket to improve code quality and deployment reliability.
- Migrated 20,000+ iOS devices from AirWatch to JAMF, enhancing endpoint visibility, manageability, and support scalability.
- Acted as technical liaison between engineering and external vendors during large-scale infrastructure projects, ensuring seamless deployment and post-launch support.
- Authored internal documentation and operational runbooks for automation scripts, MECM task sequences, and POS deployments to ensure continuity and knowledge transfer across teams.

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SENIOR INFRASTRUCTURE ENGINEER

L Brands (Bath and Body Works, Victoria's Secret) | December 2015 – July 2022

Senior Infrastructure Engineer | March 2022 – July 2022

Infrastructure Engineer | March 2018 – March 2022

Associate Infrastructure Engineer | December 2015 – March 2018

- Oversaw infrastructure for 3,000+ stores and 30,000+ devices across multiple retail brands.
- Automated enterprise tools (DFS, AD, MECM, SCOM) with custom scripts written in PowerShell, Python, and VBScript.
- Led end-to-end hardware lifecycle management, including register builds and OSD.
- Developed a remote staging process to preconfigure store registers, reducing on-site deployment time by 50%+.
- Introduced scalable register solutions for peak seasons, enabling flexible device use and improving customer checkout speed.

IT MANAGER

PFP Industries | December 2013 – December 2015

- Oversaw IT operations across eight U.S. offices, supporting 300+ users and 14 physical and virtualized (Hyper-V) servers.
- Led a small IT team, mentored staff, and standardized infrastructure through automation and modernization initiatives.
- Automated critical workflows using PowerShell and Python, improving system and network management efficiency.
- Migrated company email and collaboration systems from Google Apps to Microsoft 365; implemented SCCM for app deployment and introduced VoIP and fiber upgrades to enhance communication.

SYSTEMS ANALYST

Charming Charlie | May 2011 – December 2013

- Supported infrastructure for 300+ retail stores and 1,000+ POS terminals.
- Initiated use of PowerShell to automate repetitive tasks and streamline system updates.

SYSTEMS ADMINISTRATOR

LifeChek Drug | November 2007 – May 2011

- Maintained IT for 40+ retail locations, managing servers, networks, and POS systems.

SKILLS

Operating Systems & Server Administration:

Windows Server, Active Directory, Distributed File System (DFS), Microsoft Endpoint Configuration Manager (MECM)

Scripting & Automation:

PowerShell, Python, VBScript, Bash, JSON

Cloud Platform

Azure, AWS

DevOps, CI/CD & Containerization:

CI/CD pipelines, Jenkins, Git, Bitbucket, Docker, Kubernetes, YAML, REST APIs, Azure DevOps, Terraform

Enterprise Software & Tools:

Oracle POS, Epicor ERP, Microsoft System Center Operations Manager (SCOM)

Mobile Device Management:

JAMF, AirWatch