Brett Ferringer

Vandergrift, PA 15690
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+1 814-538-0306

Professional Summary

Experienced Senior Systems Engineer with a proven record designing, deploying, and supporting secure, scalable server and network infrastructure across both on-premises and cloud environments. Expert in troubleshooting, infrastructure automation, and delivering reliable solutions for mission-critical systems. Recognized for leadership in complex projects, optimizing system performance, and ensuring business continuity.

Work Experience

Senior Systems Engineer

Enterprise Technology Group — Allison Park, PA
August 2022 to Present
Enterprise Technology Group is a subsidiary of Enterprise Financial Services Group.

- Promoted from Senior Systems Administrator based on technical and project leadership.
- Leads end-to-end management of on-premises and Azure cloud infrastructure for all Enterprise Financial Services subsidiaries and clients.
- Designs, implements, and supports scalable server, network, and backup solutions to meet demanding uptime and security requirements.
- Provisions and manages virtual environments (VMware vSphere and Azure), including Windows Server, Linux, and FreeBSD systems.
- Serves as lead Veeam engineer for disaster recovery and ransomware response, reducing risk and improving recovery time objectives.
- Administers and maintains enterprise Active Directory forests/domains, including DNS, DHCP, OU design, Group Policy, email, and access management.
- Maintains and optimizes SAN (HPE Nimble) and NAS (TrueNAS) storage platforms for critical business data.
- Architects, deploys, and manages Azure cloud infrastructure, supporting hybrid and cloud-first solutions.
- Manages Citrix environments (NetScaler, DaaS, Workspace, Citrix Cloud), driving secure remote access and virtualization.
- Administers a diverse technology stack: Microsoft 365, Mimecast, SharePoint, Teams, Meraki, Ubiquiti, and pfSense.

Business Systems Analyst II

F.N.B. Corporation — Pittsburgh, PA
March 2021 to August 2022

- Promoted from Business Systems Analyst I based on results and subject matter expertise.
- Identified and implemented technology improvements to enhance business operations and efficiency.
- Installed application updates to eliminate vulnerabilities and strengthen system security.
- Troubleshot and resolved server/application issues, ensuring business continuity and minimal downtime.
- Provisioned new software in line with strict security standards and business needs.
- Served as subject matter expert for seven mission-critical banking systems.
- Supported daily client/server operations, resolving incidents across a complex IT environment.

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Business Analysis Consultant

PNC — Pittsburgh, PA
October 2018 to March 2021
- Promoted from Business Analyst based on performance and technical contribution.
- Designed and built dynamic content and web server solutions in SharePoint, following industry best practices.
- Solved complex design challenges and created user-friendly, visually engaging applications.
- Collaborated with cross-functional teams and vendors to deliver successful projects.
- Independently designed, developed, and tested custom code to fulfill business requirements.

Education

Master of Science, Information Technology Management

Western Governors University
January 2023 to May 2023

Bachelor of Science, Business Administration

Clarion University of Pennsylvania — Clarion, PA
2011 to 2014

Certifications

- Microsoft Certified: Azure Fundamentals
- CompTIA Server+

Technical Skills

- Infrastructure Architecture: on-prem & cloud
- Virtualization: VMware vSphere, Azure, Proxmox
- OS: Windows Server, Linux, FreeBSD
- Cloud: Azure, Microsoft 365, Citrix Cloud
- Networking: Meraki, Ubiquiti, pfSense, DNS, DHCP
- Storage: SAN (HPE Nimble), NAS (TrueNAS), DFS Replication
- Security: Veeam, Mimecast, Gradient, Crowdstrike, SentinelOne
- Directory Services: Active Directory, Group Policy
- Collaboration: SharePoint, Teams
- Scripting & Automation: PowerShell, Bash, Batch

Links

- Resume Website - https://ferringer.me
- LinkedIn - https://www.linkedin.com/in/brettferringer
- GitLab Profile - https://gitlab.ferringer.me/brettferringer