

Brian Becht

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SENIOR CLOUD / PLATFORM / SRE ENGINEER

Cloud and reliability engineer specializing in Azure network security, infrastructure automation, observability, and high-availability enterprise environments. Experienced supporting critical production systems through incident response, on-call operations, postmortems, safer change workflows, Terraform, Azure DevOps, and Python automation.

EXPERIENCE

Cloud Engineer III - University of Central Florida

2022 - Present

- Designed and automated Azure Firewall and Network Security Group governance using Terraform and Azure DevOps.
- Led migration of 800+ on-premise servers and associated security policies into Microsoft Azure.
- Built CI/CD pipelines in Azure DevOps to manage Application Gateway infrastructure deployments.
- Used GitHub Actions to support CI/CD workflows for F5 configuration changes and reviewable deployment processes.
- Developed F5 BIG-IP WAF policy for application protection, including DDoS and bot protection controls.
- Built an Ansible-driven CMDB for 16 F5 appliances to identify configuration drift, standardize device inventory, and support consistent change workflows.
- Participated in incident response, on-call support, and postmortem review for production cloud and network security services.
- Developed Python and PowerShell automation for firewall policy management, reporting, and operational tooling.
- Led migration of front-end services from F5 appliances to Azure networking architecture.
- Used Azure Monitor, Azure Log Analytics, and KQL to support firewall governance, security auditing, DDoS visibility, bot activity review, and operational monitoring.

Senior Software Systems Engineer - University of Central Florida

2013 - 2022

- Supported high-availability PeopleSoft ERP environments across Linux, Windows Server, and Oracle Database platforms, with focus on uptime, maintenance readiness, and operational reliability.
- Planned and executed maintenance windows, upgrades, tax patches, and infrastructure changes for ERP and enterprise applications while minimizing service disruption.
- Participated in on-call support, incident response, and postmortem analysis for ERP and other enterprise application issues.
- Supported PeopleSoft application environments backed by Oracle Database platforms.
- Worked with MySQL environments as part of broader enterprise application and systems support.
- Developed Ansible automation managing configuration across 300+ enterprise servers.
- Used GitLab to maintain Ansible codeline for ERP infrastructure configuration and operational workflows.
- Led PeopleSoft lifecycle work including upgrades, tax patches, infrastructure updates, and operational support.
- Implemented Duo MFA across ERP applications, improving enterprise authentication security.

SELECTED WORK

Enterprise Azure Migration

Led migration of 800+ enterprise servers and associated security policies into Microsoft Azure.

Firewall Governance Automation

Built Terraform, Azure DevOps, Python, and PowerShell automation for firewall policy governance and reporting.

F5 WAF & Application Gateway Modernization

Created CI/CD deployment workflows, developed F5 BIG-IP WAF policy, built an Ansible-driven CMDB for 16 F5 appliances to reduce configuration drift, and helped migrate front-end services to Azure networking.

SKILLS

Cloud & Security	Azure DevOps, Azure Firewall, Network Security Groups, Application Gateway, F5 BIG-IP WAF policy, DDoS protection, bot protection, Azure Monitor, Azure Log Analytics, KQL, incident response
Automation	Terraform, Python, PowerShell, Ansible, CMDB automation, configuration drift detection, GitHub Actions, GitLab, Docker, CI/CD infrastructure, reporting tools
Systems	Linux, Windows Server, F5 BIG-IP, PeopleSoft ERP, Oracle Database, MySQL, high availability, on-call operations, postmortems, maintenance windows, enterprise application reliability
Certifications	Microsoft Azure Fundamentals (AZ-900), Microsoft Certified Technology Specialist - Windows Server, Microsoft Certified Technology Specialist - System Center Configuration Manager, CompTIA A+
Education	M.S. Digital Forensics - University of Central Florida; B.S. Management Information Systems - University of Central Florida