RESUME

William Weeks-Balconi

Software Engineer · Infrastructure

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Profile

I manage Azure environments with a Linux tech stack. I am a Microsoft Infrastructure Engineer with 5+ years experience in enterprise security software, IT automation, network security, and cloud services. Searching for an opportunity to safeguard critical functions, as a dedicated problem solver. I am passionate about functional programming and thinking outside the box.

Skills

Cloud Native Deployment

Build and deploy Kubernetes for Azure and Google Cloud

Network Admin

Configure Network Routers and Firewalls with Infrastructure as Code

Security and Backups

Deploy backup solutions, disaster recovery, RBAC, SIEM, and Entra Administration, FedRAMP Compliance

Technical skills

CKA DP-900 AZ-104 Server+ CCNA AZ-305 AZ-500

Experience

Reprise Financial

Cloud Infrastructure Engineer · Jun 2024 - Present

- Optimize Billing and Cost Management for cloud services
- Build analytic relational databases
- Write Infrastructure-as-Code with CI/CD Pipelines
- Support Kubernetes and Cloud Native Apps
- Maintain FedRAMP Compliance with SIEM by coordinating with stakeholders
- Write automation scripts with technical documentation and videos

Skills: Infrastructure as Code (IaC), Linux System Administration, Python, Relational Databases, FedRAMP

Beretta Holdings

Senior Azure Architect · 12/2023 - 04/2024

- (SME) Subject Matter Expert for Azure, Microsoft 365, and Microsoft Sentinel.
- Deployed Managed Kubernetes Service (AKS)
- Migrated On-Prem Servers to Azure as Web Apps, containers, and virtual servers.
- Deployed Reverse Proxies and Load Balancers in Azure.
- Maintained high Secure Score in Azure and Entra.
- Designed and Deployed subnets and VNETS.
- Provisioned Azure resources using ARM templates and Bicep.
- Implemented IAM solution- Entra ID. Setup the MFA, PIM, and RBAC roles for users.
- Deployed cloud resources using Azure Devops and the CI/CD pipeline.
- Setup Site-to-Site VPN and managed Azure Firewall Policy.
- Architect and design networks.

Microsoft

Cloud Engineer · 7/2022 - 12/2023

- Supported Azure Kubernetes Service (AKS).
- I created custom runbooks using Powershell scripts for Logic Apps and Azure Automation.
- Created custom runbooks using Powershell scripts.
- Assisted enterprise deploy solutions in Azure Monitoring.
- Deployed Azure Front Door profiles to allow for highly available connection to CDN capabilities for mobile applications.
- Associated Network Security Groups to Azure Virtual Networks to harden network security.
- Created custom queries using Kusto a access tables in Azure Log Analytics, Azure Resource Graph, and Azure Sentinel.
- Deployed and manage AMA and MMA agents with Data Collection Rules to collect data from on-premises servers.
- Monitored networks and responded to events with Azure Sentinel.
- Worked with RHEL and Ubuntu servers on a daily basis.
- Programed with PowerShell, Python, and C#.

Stock Technologies

Cloud Operations Engineer · 3/2020 - 5/2022

- Provided IT consulting for a medical facility named PathAdvantage blood testing.
- Maintained Azure AD Connect Sync between on-premises environment and the cloud.
- Migrated data to Azure from health-care oriented servers.
- Associated Network Security Groups to Azure Virtual Networks to harden network security.
- Wrote Powershell scripts to automatically on-board users.
- Managed IAAS and PAAS in Azure.
- Monitored networks and responded to events with Azure Sentinel.

Beacon Hill Staffing, Dallas, TX

Cloud Administrator · 4/2017 - 3/2020

- I provide consulting services for 7-11 and CBRE.
- Created user accounts with Azure CLI.
- Recovered accidentally deleted data for users by mounting backup drives and using AZcopy.
- Wrote SQL scripts to resolve credit card variances for 7-11 stores.
- Wrote Powershell scripts to maintain Azure Sentinel.
- Maintained IAAS by deploying Azure Virtual Machines.
- Protected enterprise networks from external threats, I performed external vulnerability scans weekly.
- Collaborated with stakeholders to devise and prioritize cyber security using CVSS scores.
- Acted on external vulnerabilities reports to improve network security.

Beacon Hill Staffing, Dallas, TX

Help Desk Technician · 1/2016 - 4/2017

- Physically repaired multiple laptops.
- Assisted users with printers and email.
- Fixed short circuits on motherboards with a soldering iron.

Education

Austin College - Sherman, Texas

BS in Computer Science and BA in History, 2009

Coursework included Computer Science, Programming, Scripting, entrepreneurship, organic chemistry, anatomy & physiology, Spanish, calculus, theology, archival research, psychology. Worked on a research team to write a history book on the university.