Thomas W. Barnhardt

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**PROFESSIONAL SUMMARY**

IT Director/Manager with superior record delivering cost effective strategies for over 15 years. Seeking an opportunity to solve business challenges leveraging on-premise and cloud based architectures in Azure and AWS. Common sense approach and “big-picture” vision are paramount when improving site reliability, backup strategies and completing projects in an Agile environment.

**CORE COMPETENCIES**

* AWS Cloud Infrastructure - Certified
* Azure Cloud Infrastructure – Certification training in progress
* Red Hat Linux Certification – Training in progress
* Computer Hardware: HP, Lenovo, Dell, Palo Alto, F5 BigIP, Equalogic, Dell-EMC
* Computer Server Platforms: Windows O/S, Linux O/S, Server-Less
* Computer Networking: TCP/IP, DNS, WAN, LAN, VPN, HTTP, HTTPS,SSL
* Computer Languages: PowerShell, T-SQL, HTML, AWS CLI, Azure CLI

**TECHNICAL SKILLS**

* Apex SQL, SSIS for SQL, T-SQL, Microsoft Office Suite, Microsoft Exchange Server
* DynamicsSL, VMware, Citrix/Xen, Adobe products, Datadog, Lambda, API Gateway
* Avaya IP office, WSUS, SBS2011, Zabbix appliance, Cloud Watch, WhiteHat Security
* T-SQL, ETL, Vipre EndPoint Security, McAfee EPO, Carbon Black, Windows Hyper-V
* AWS Best Practices, IAM, S3, RDS, Cloud Trails, VPC, DNS, ALB, ELB Route 53, SNS
* DynamoDB, EC2, EBS, ACL, SG, Cloud Front, Terraform, Trusted Advisor, WAF, CI/CD
* Azure log analytics, Traffic Manager, Windows AD, PowerShell, ADFS, SAML, Azure AD

**PROFESSIONAL EXPERIENCE**

Optimal Blue 9/2019-12/2019

**Dev Ops / System Engineer**

* Contributed to the deployment of software from QA/DEV to Stage and Production
* Expanded queries of log files, VM’s and application service plans within Azure Log Analytics
* Delivered NFR’s to bring all SQL servers into compliance for subscriptions
* Produced Azure run books to automate functions using PowerShell scripting
* Improved Disaster Recovery for all software deployments
* Introduced PowerShell script to create a query of endpoints to update Zabbix monitoring server
* Changed ARM templates for deployment and compliance
* Contributed to the DevOps team for multi-million dollar client application support for lenders
* Accelerated the decommission on-premise equipment as the application are moving to Azure
* Saved program releases and applications using Azure Dev Ops, repos, build, artifacts, variables
* Reduced the need for manual operation to setup new client on application
* Introduced the use of Terraform to build an immutable infrastructure for blue/green deployment

Certrec, Inc 8/2017-9/2019

**Network Administrator II**

* Improved the support for staff, c1ients and their computer and technology initiatives
* Awarded SOC2 and ISO9001 compliance for all Windows, Linux desktops and servers
* Contributed PowerShell script to create backup jobs to run for Disaster Recovery plan
* Achieved to be the SME(subject matter expert) for security procedures for ISO9001, SOC2
* Delivered and maintained the security patching for the BIG-F5, Palo Alto 820 in a HA scenario
* Delivered a VOIP solution leveraging open source FreePBX on Linux Centos platform
* Expanded the security for all Window desktop and server support and updates

MT Connections, LLC 1/2015-12/2017

**Self-Employed - Cloud Technology consultant**

* Spearheaded the transition to a Managed Service provider for day to day operations for clients
* Delivered on site support for manufacturing firm using SAP, Spectrum, IBM Notes, VMware
* Produced Terraform scripts to build EC2, VPC, ALB, Auto Scaling for high availability
* Achieved migrating from on-prem 3-tier architecture to AWS High Availability scenario
* Delivered web-sites on Server-Less architecture using AWS,CDN, S3 and DynamoDB
* Generated Disaster Recovery and Business Continuity run books for clients
* Sold clients on the cost effective solutions that resulted in budget reductions of 40%
* Contributed ETL scripts to import data from various sources into MS SQL application
* Increased support of Windows Based work environment and securing those environments

Radio Advertising Bureau 5/1996-12/2014

**Senior Vice-President Information Systems**

* Delivered technical solutions, increased services and reduced operational budgets by 45%
* Expanded physical servers and on-prem applications to a virtual environment using VMware
* Introduced Web based 3 tier applications on the AWS platform in a High Availability scenario
* Maximized and led technical staff that supported on staff, remote staff and 6,000 radio stations
* Awarded, developed, implemented and coordinated the integration project of business processes
* Improved our email marketing campaigns, that increased deliver-ability by 42%
* Expanded Cloud foot print leveraging AWS and reducing downtime significantly over 60%
* Trained staff on applications, infrastructure and encouraged feedback on a daily basis

**CERTIFICATIONS**

AWS Certified Developer(2018)

AWS Certified Solutions Architect(2019)

AWS Cloud Practitioner(2019)

Certified Network Engineer

**OTHER**

* Led a team of (12) computer specialists during a project, completed months ahead of schedule.
* Liaison, project leader during migration processes. Collaboration between departments and stakeholders during the entire project.
* Optimize every facet that my responsibilities allow. Including, but not limited to operation costs and technical services. Always looking to learn new technologies that could also reduce costs.