ROD PETERSON

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SUMMARY OF QUALIFICATIONS

Accomplished **Cloud Architect** with 26 years of experience in client/server testing, systems monitoring and application, infrastructure design, and cost reduction analysis.

- Technically well-rounded; adept at diagnostics and problem solving, with a clear understanding of enterprise software development tools and methodologies.
- Empowers team members to manage their projects and make decisions; recognizes value of human resources and takes steps to reward and encourage subordinates to promote excellent retention rate.
- Experience implementing new infrastructure, Cloud adoption, Cloud migration and deployment, disaster recovery planning, testing procedures, training programs, system documentation, backup procedures; enhancing companies overall security, efficiency, and continuity.
- Proven experience creating and maintaining Visio Architecture Diagrams.

PROFESSIONAL EXPERIENCE

Privateer IT, Melbourne, FL **June 2018 - June 2020**

AWS Cloud Architect at Department of Defense

- Architected the Cloud Migration of the USFHP Designated Provider Data Project from Terremark Datacenter to AWS GovCloud environments.
- Evaluated and implemented these AWS GovCloud services for the DP project: Amazon Relational Database Service (Amazon RDS), Application Load Balancers, AWS CloudTrail, AWS CloudWatch alarms, AWS Elastic Compute Cloud (EC2), AWS Elastic Ips, AWS Key Management Service (KMS), S3 Bucket encryption, Security Groups for Production, Test, Development environments, Snapshot scripts including clean up scripts, Start and Stop Lambda scripts.
- Created the Systems Administrator Guide and contributed to multiple Engineering Manuals and User Guides.
- Maintained Identity and Access Management, Deployed DUO.com as our MFA security, maintained our Amazon Machine Images (AMI), Updated systems, optimized performance, and reduced overall costs.
- Implemented and maintained Security Content Automation Protocol (SCAP) Compliance Checker (SCC) so our systems were in compliance with DISA Security Technical Implementation Guidelines (STIGs).

Kforce Government Solutions Inc., Austin, Texas **June 2012 – March 2018**

Cloud Architect at Department of Veterans Affairs Austin DataCenter

- Successfully architected and deployed the first VA Private IaaS Cloud at Austin and Philadelphia DataCenters. I also worked on the System Design Document and helped to create a Testing Lab. Our VA Private IaaS Cloud is running VMware vCloud Director.
- Analyzed Customers' Systems Designs, made recommendations to comply with Enterprise Operations compliance, and presented tactical solution for final approvals.
- Built private IaaS Cloud services to provide scalable, secure, and specialized cloud capabilities. Worked with Vendors to evaluate Hardware, Services, Solutions, and Architecture.
- Participated in the VA Enterprise Public Cloud initiative utilizing Amazon Web Services (AWS GovCloud) and Microsoft Azure.
- Contributed to NIST Big Data Working Group, NIST Standards Acceleration to Jumpstart the Adoption of Cloud Computing (SAJACC), and NIST Cloud Services. Example NIST document that I helped to create: http://bit.ly/2GGqWjl

Dell Inc., Round Rock, Texas **November 2010 - June 2012**

Enterprise Technical Support Analyst

- Enterprise Engineer in the Virtualization Group.
- Excellent working knowledge of Dell Servers, Blade Servers, Cloud Servers, Storage Arrays, and PowerConnect Switches.
- Provided solutions with VMware vMotion, Storage DRS, High Availability, Fault Tolerance, Fibre/iSCSI storage setup.
- Specialized in VMware vSphere 4, vSphere 5, Citrix XenServer and SAN analysis.
- Lead the team in customer satisfaction surveys.
- Presented to external management teams the Virtualization Group and the solutions we offer.

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Usability Sciences Corp., Irving, Texas   **October 2003 - June 2010**

Software Test Engineer

IT Manager

- Installed, configured, tested, and deployed completely new Active Directory infrastructure including Exchange 2007, ISA Server 2006, Windows Server 2003, Windows Server 2008 Hyper V, DFS, VPN, and FTP; increased uptime to 99.9% from 93%.
- Converted Developers internal testing lab to Virtual Machines running on ESXi 3.5, then upgraded to ESXi 4.

Microsoft Corporation, Redmond, Washington   **January 1999 – September 2003**

Software Test Engineer

- Created, updated, and executed test case outlines and plans to locate defects within operating system.
- Developed clear, complete bug reports and saw bug issues through to resolution and closure.
- Supervised 10 contract testers and trained five new internal employees, delivering presentations designed to increase testing abilities.
- Reviewed Windows Server 2003 component test plans written by other teams and made changes/recommendations according to continuous improvement philosophy.

Fort Wayne National Corporation, Fort Wayne, Indiana   **March 1992 – December 1998**

Workstation Analyst   March 1997 – December 1998

- Managed Baker Hill Project.
  - Set up Microsoft Windows NT 4.0 Servers; designed and implemented rollout plan to more than 300 client PCs; and served as lead analyst for problem resolution.
- Collected and analyzed data from participating department members, diagnosed problem areas, and coordinated resources to resolve issues.
- Recommended improvements and reviewed and tested all new software packages.
- Served as assistant project manager for TCP/IP installation on OS/2.

Systems Administrator   January 1994 – March 1997

- Oversaw DIGITAL VAX 4700a, two Novell 3.12 Servers, and 85 client PCs.
- Designed operators' manual; co-authored Disaster Recovery Plan.
- Tested new applications for system compatibility.
- Negotiated hardware acquisition and support agreements for all DEC equipment.

CERTIFICATIONS

AWS Certified Solutions Architect Associate: # V2G1R29KHFBQQM5B
AWS Certified Cloud Practitioner: # PDBKCLV2LBVQ1294
VMware Certified Professional 5 (VCP 5): # 120649
Active T3 Public Trust: Favorably Adjudicated

TECHNICAL SKILLS

AWS CloudTrail, AWS CloudWatch, AWS Elastic Ips, Security Groups
Lambda scripts, DUO.com MFA security, S3 Bucket encryption, Amazon Machine Images (AMI)
Application Load Balancers, AWS Elastic Compute Cloud (EC2)
AWS Key Management Service (KMS), Identity and Access Management (IAM)
Amazon Relational Database Service (Amazon RDS)
Security Content Automation Protocol (SCAP) Compliance Checker (SCC)
DISA Security Technical Implementation Guidelines (STIGs)
VMware vSphere 3.5 to 6.5, VMware vCloud Director
Microsoft Server NT4 up to Microsoft Server 2019
SAN, iSCSI, Fibre, DAS, NAS, SCSI, SAS, SATA, BeOS