Dustin Reed

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Skills

Development:

- AWS certified developer with experience architecting AWS and Azure infrastructure.
- Ability to decompose monolithic applications into a microservices architecture, utilizing Docker and AWS ECS to orchestrate microservices, enabling rapid deployment of distributed application architecture.
- Creation of AzureRM and CloudFormation templates to provision cloud Infrastructure as Code enabling rapid idempotent deployments of elastic, scalable, and fault tolerant distributed infrastructure.
- Development of Python, and PowerShell scripts to automate processes reducing human error and enabling increased focus on strategic activities.
- Creation of AWS CodePipelines to orchestrate build, test, and deployment of applications.
- Knowledge of deployment methodologies such as, Blue-Green, Canary, and Rolling updates, which can minimize the impact of change on application systems.

Operations:

- Hyper-V and VMWare with experience with deploying hosts and administering clusters.
- Deployment and administration of Cisco, SonicWall, and WatchGuard routers and switches.
- TCP/IP, routes, subnets, VLANs, VPNs, NAT, firewall rules, and creation of secure networks.
- Windows Server 2008r2 – 2016, Amazon Linux, CentOS, Ubuntu
- Active Directory, ADFS, Exchange, Office 365, DNS, DHCP, MSSQL, IIS,
- Traefik, Apache, MQTT, IAM, Docker, EC2, S3, CloudFront, VPC, CloudWatch, ELB
- Datacenter rack and stack experience, good cable management discipline, and soldering abilities.
- Ability to solve problems via critical thinking and creative problem solving.
- Creation and evaluation of Disaster Recovery and Business Continuity Planning in accordance with corporate and regulatory standards to ensure minimal business impact in the event of an incident.

Experience

JAN 2016 – AUG 2018

Systems Administrator: Portfolio Pathway – Warrenville, IL

- Coordinated with development team to deploy.NET web applications.
- Architected a hybrid cloud based High Availability and Disaster Recovery strategy.
- Developed scripts and templates for creation, management, and migration of resources to Azure.
- Created dev and test environments to ensure smooth software deployments while minimizing impact to business operations.
- Architected ADFS federation to enable deployment of Office 365 services.

SEPT 2015 – NOV 2015

Systems Administrator: Anselmo Lindberg Oliver – Naperville, IL

- VMware vSphere management, creation of templates and deployment virtual machines. Monitoring of performance to identify bottlenecks for future expansions.
- Improved VDI deployments and migrations by scripting and streamlining the process reducing the total time to deploy, technical issues, and down time for the end user.
- Administration, support, and monitoring of Exchange 2013.

AUG 2014 – SEPT 2015

Systems Administrator: Networks Consulting Resources – Geneva, IL

- Implementation and Management of Systems and Networks in a wide variety of corporate environments.
- Utilized Virtualization, Backup and Scripting technologies to facilitate Disaster Recovery for multiple clients to reduce downtime.
- Migration to and administration of a Virtual Desktop Infrastructure.
- Creation of Scripts and Group Policies to automate migrations and deployments, reducing IT workload while generating additional billable revenue.

OCT 2010 – MAY 2014

Systems Engineer: The Results Companies – Streator, IL

- Implementation Improved key technology services through the rapid deployment of virtual servers increasing available resources during times of peak demand.
- Management of Symantec Endpoint Protection for 8000 endpoints in a global environment which prevented major viral outbreaks reducing downtime and data loss due to viral infections.
- Automation of software deployments for 8000 endpoints in a global environment using multiple technologies reducing need for additional IT staff.
- Improved PC deployments and migrations by scripting and streamlining the process across multiple locations reducing time to deploy, technical issues, and down time.
- Initial deployment of IT infrastructure across a telecommunications environment.
- Spearheaded a call center expansion doubling the amount of IT infrastructure supported.
- Managed and maintained Business Continuity and Disaster Recovery Plan in accordance with corporate and regulatory standards to ensure minimal business impact in the event of an incident.
- Promoted from Sr. Site IT Administrator to Systems Engineer during tenure at Results.
- Imaging, deployment, and migration of user data from Windows XP to Windows 7 allowing us to remain compliant with regulatory standards.

Education

AWS Certified Developer - Associate: April 2019

- www.dustinreed.info/aws-cda-cert.pdf

AWS Certified Solutions Architect - Associate: March 2019

- www.dustinreed.info/aws-csa-cert.pdf

Northern Illinois University: Sept 2003 – May 2004

- Computer Science Major