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| Dustin Reed | |  |  | | --- | --- | | Warrenville, IL |  | | (331) 251-1110 |  | | dustin@dustinreed.info |  | | github.com/dustinreed-info |  | | www.dustinreed.info  linkedin.com/in/dustinreed |  | |

# Skills

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| **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 CI/CD Pipelines to automate building, testing, and deployment of applications. * Knowledge of deployment strategies 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. |
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# Experience

### Nov 2019 – Present

## Automation Engineer: Norwin Technologies – Remote

* Provided consultation on the automation of the software development lifecycle and implementation of DevOps methodologies.
* Architected Azure App Services platform enabling developers to rapidly build and deploy their web applications.
* Development of Azure DevOps YAML pipelines allowing developers to continuously improve and deliver updates to their applications while minimizing impact to business operations.
* Creation of Ansible playbooks and AzureRM templates to provision cloud Infrastructure as Code enabling rapid idempotent deployments of elastic, scalable, and fault tolerant infrastructure.
* Development of Python, Bash, and PowerShell scripts to automate processes reducing human error and enabling increased focus on strategic activities.

### 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](http://www.dustinreed.info/aws-cda-cert.pdf)

## AWS Certified Solutions Architect - Associate: March 2019

* [www.dustinreed.info/aws-csa-cert.pdf](https://www.dustinreed.info/aws-csa-cert.pdf)

## Northern Illinois University: Sept 2003 – May 2004

* Computer Science Major