

SAMUEL DIXON

SYSTEM ENGINEER / ADMINISTRATOR



EXPERIENCES

Present
|
Jun 2018

Cloud Services Engineer

AHEAD

📍 Remote, Chicago, IL

- Work with a team focused on AWS project delivery
- Perform AWS engineering tasks in a client facing role
- Code, test and deploy infrastructure as code using CloudFormation and Packer
- Code, test and deliver Python scripts for clients
- Participate in on-site client workshops and knowledge transfers
- Create documentation of completed work for hand off to clients

Jun 2018
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Jan 2016

Associate Consultant

Virtusa

📍 Indianapolis, IN

- Work with a team focused on managed service delivery as well as consulting/professional services
- Directly support a variety of clients ranging from small business to large enterprise
- Manage and support a wide variety of technologies with a focus on Microsoft, Linux, and Amazon Web Services
- Subject matter expert of multiple client environments
- Maintain documentation, problem management and monitoring tools to improve service delivery
- Work on client or monitoring submitted incidents with end-to-end ownership of the problem
- Participate in on-call rotation
- Coordinate with global resources for planning off hours maintenance



SELECTED PROJECTS

2018

Web Server Rearchitecture

Virtusa, Technical Lead

- Work with a client to rearchitect and redeploy .NET web applications programmatically across a QA, Staging, Production and Disaster Recovery environment. Deployed new web servers using PowerShell to script a golden image and create a post deploy script for golden images. Worked closely with the clients developers assisting with their code deploys using Octopus deploy. Configured servers on F5 load balancers and ensured a zero downtime cut over process.

2017

AD Object Import

Virtusa, Technical Lead

- Worked with a client to develop a PowerShell script that imported users from a csv file to update Active Directory accounts based off employee ID. Used PowerShell to ensure data in CSV was consistent, only updated relevant fields, and configured logging of what objects were updated. Configured scheduled jobs via PowerShell that would only trigger if certain components were in place.

2018

AWS Foundational Deployment

AHEAD, Engineer

- Worked on a project assisting with deployment of CloudFormation templates from the AHEAD standard framework for a foundational AWS Build. This involved customizing CloudFormation templates from our base template, creating custom CloudFormation templates to meet specific client needs, deploying the stacks across multiple AWS accounts and validating the configuration works properly.



CERTIFICATIONS

2018

AWS Certified Solutions Architect Associate



2015

Microsoft MTA 98-365 - Server Administration Fundamentals



2015

CompTIA A+



CONTACT INFO

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in

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SKILLS

Operating Systems

- Windows Server 2008, 2012, 2016
- RHEL, Centos 6,7

Web Servers

- IIS 7.5, 8, 10
- Apache

Scripting

- PowerShell
- Python
- Bash

Infrastructure as Code

- CloudFormation
- Terraform
- Packer

Source Control

- Git

Cloud

- Amazon Web Services

Hypervisors

- Hyper-V