

Brian Sigurdson

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SUMMARY

A multi-cloud DevOps Engineer automating what matters.

SKILLS & TECHNOLOGIES

- Cloud Computing Amazon Web Services (AWS), Azure
- Infrastructure as Code Terraform, AWS CloudFormation, ARM Templates
- CI/CD Azure DevOps, AWS CodePipeline / CodeBuild, GitHub Actions, Jenkins
- Configuration Management Ansible
- Source Control Git, GitHub, AWS CodeCommit
- Containers Docker
- Scripting / Programming Python, Bash, Java, SQL, JavaScript, CSS, HTML
- Linux RHEL, CentOS, Ubuntu
- Monitoring / Reporting Splunk, AWS CloudWatch

RELEVANT CERTIFICATIONS

- Azure Microsoft Certified: Azure Fundamentals
- Azure Microsoft Certified: Azure Administrator Associate
- AWS AWS Certified Solutions Architect - Associate
- AWS AWS Certified Developer - Associate
- AWS AWS Certified Cloud Practitioner

RECENT CLIENT ENGAGEMENTS

Public Utility : Azure | AWS | Azure DevOps | AWS CodePipeline | AWS CodeBuild | Bash

- Independently supported multiple applications that spanned both AWS and Azure cloud providers.
- Independently supported 20+ developers, 12+ CI/CD pipelines, 80+ pipelines in total, and was responsible for all prior DevOps work on the project.
- Utilized tools and technologies such as Bash, TypeScript, aws-cdk, AWS (CloudFormation CodePipeline, CodeBuild, CloudFront, S3, and more), Azure ARM (Templates & Bicep, API Management), Azure DevOps
- Developed, maintained, and enhanced regular and CI/CD pipelines for AWS and Azure.

Research Institute : AWS | GitHub Actions | AWS ECS | AWS Code Build | Bash

- Worked on a team of DevOps engineers to help move the client's legacy Java application to AWS.
- Utilized tools and technologies such as Bash, GitHub Actions, and AWS (Elastic Container Service, CodeBuild)
- Assisted in developing automated build and delivery tools.

Manufacturer : AWS | Terraform | Python | Bash | AWS Aurora

- Worked on a team of DevOps engineers to facilitate the client's migration from Azure to AWS.
- Utilized tools and technologies such as Bash, Python, Terraform, Terragrunt, AWS (Aurora Serverless, Lambda, AWS CodeBuild, S3, CloudWatch, and more).
- Assisted in the development of automated logging and monitoring.
- Assisted in developing a global failover system for disaster recovery on AWS that allowed the client to recover from a regional failover in minutes instead of days.

SELECTED ADDITIONAL PROJECTS

Ansible | Bash | Ubuntu | Cloudlab.us | Hadoop | MySQL | Drupal

Utilized Ansible and Bash to automate the deployment of a dynamically sized Hadoop cluster.

- ★ The automation reduced deployment time from hours or days to about 20 minutes.

Ansible | Cygwin | PowerShell | Windows 2012

Utilized Ansible to automate the deployment of Cygwin to Windows 2012 servers.

- ★ The automation reduced in the deployment time from hours to about 10 minutes.

Ansible | Jenkins | Windows 2021 | RHEL 7

Utilized Ansible to update the Jenkins agents running on Windows 2012.

- ★ The automation transformed a manual and tedious process to consistently reliable updates.

Ansible | Java | Windows 2012 | Windows Batch

Utilized Ansible to facilitate the deployment of Java to Windows 2012 servers.

- ★ The automation transformed an error prone procedure into a consistently reliable process.

JUnit | Jenkins | Ant | Bash | PowerShell

Assisted in updating sections of Ant, Bash, and PowerShell code in Jenkins.

- ★ With my involvement, the developers could continue their efforts to expand the use of JUnit.

RELEVANT EXPERIENCE AND WORK HISTORY

2022 – Present	DevOps / Cloud Engineer	Launch by NTT DATA
<ul style="list-style-type: none">• Work remotely building client projects in AWS and Azure.		
2019 - Present	Website Administrator (volunteer)	Alliance Francaise de Toledo
<ul style="list-style-type: none">• Work remotely to maintain the website.		
2021 - 2022	Upskilling / Professional Development	Work From Home, Toledo, OH
<ul style="list-style-type: none">• Time-off to focus on developing professional skills and abilities.		
2018 - 2021	DevOps Engineer	Thomson Reuters, Ann Arbor, MI
<ul style="list-style-type: none">• Worked as a member of a DevOps team to ensure consistent and reliable software deployments.		
1995 - 2006	Staff Accountant / Java Programmer	Oldcastle Perrysburg, Perrysburg, OH
<ul style="list-style-type: none">• Worked as a staff accountant and designed, developed, and maintain our department website.		
1995 - 1995	Registered Rep Trainee	Olde Discount Stockbrokers, Detroit. MI
<ul style="list-style-type: none">• Prospected for potential clients while preparing for licensing exams.		
1994 - 1995	Accounting Analyst	Dana Commercial Credit, Maumee, OH
<ul style="list-style-type: none">• Worked as an accountant and assisted in implementing a new accounting software for the department.		

EDUCATION

2018-08-04	Bowling Green State University	Master of Science	Computer Science	3.3 / 4.0
2016-08-06	Bowling Green State University	Master of Arts	Statistics	3.2 / 4.0
1994-08-06	The University of Toledo	BBA	Accounting	3.0 / 4.0