

# 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 Administrator Associate
- Azure Microsoft Certified: Azure Fundamentals
- 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

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

## 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