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| SR. DevOps Engineer with 6+ years of experience in managing cloud infrastructure, optimizing mission critical deployments over large infrastructure. Proficient with Configuration Management tools. Troubleshooting of Ubuntu and Windows Platforms and in developing CI/CD Pipelines.* Experience on Terraform Script Automation and hands-on knowledge of ARM templates.
* Experience on Source Code Management (Version Control System) tools like Git, GitHub, Azure DevOps, and Subversion.
* Experience on cloud service providers Azure, Knowledge of AWS etc.
* Implemented a CI/CD pipeline using Azure DevOps.
* Proficient in developing Continuous Integration/ Delivery pipelines.
* Experience on Packer for Image creation in Azure DevOps.
* Experience in Azure Services and Azure IoT Services.
* Experience on Azure Kubernetes with Helm Chart creation and conversion.
* Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes and Docker Swarm.
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# Experience

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| AT&T, Microsoft**Client:** AT&T**Role:** SR**.** DevOps Engineer **Duration**: Jan 2020 – Till to Date**Description:** AT&T Communication and Microsoft Corp. are embarking on an extensive, multiyear alliance where the two companies will apply technologies, including cloud, AI, and 5G, to improve how people live and work today and in the future. Microsoft will be the preferred cloud provider for non-network applications, as part of AT&T’s broader public cloud first strategy and will support AT&T as it consolidates its data center infrastructure and operations.**Responsibilities:*** Worked on 5-Application on ATT Project, like CIDS, Serpovm, C-FT, eLink DCDB and eLink DMWEB Applications.
* Microsoft maintained complete CD part. CI parts take care of ATT teams with their Jenkins Pipelines.
* Created Repositories and projects. Created custom script build Agent by using Terraform Script with VMSS Instance.
* Created one storage account/ACR in the Build Agent RG and giving these details to ATT based on Application CI teams, they can push the Artifacts, Images and Helm Chart based on Application Pattern.
* Microsoft maintained 3-level of Environments Dev, NPRD and PROD with Dry-Runs.
* Based on Application Target Architecture we need to create Core Infrastructure by using Terraform Script and push the code into the ATT ADO. The pipeline will trigger automatically when we pushed code into ATT ADO.
* Created multiple pipelines based on application, Windows application (Serpovm) created 2-pipeline and Ubuntu application (CIDS, eLink DCDB and DMWEB) created 1-pipeline and AKS application (CFT) created 3-pipelines.

SGI (saskatchewan government insurance CANADA), Microsoft**Client:** SGI**Role:** SR**.** DevOps Engineer **Duration**: Nov 2019 – Jan 2020**Description:** The Saskatchewan Auto Fund is the province's compulsory public auto insurance program, operating the driver's licensing and vehicle registration system. The Auto Fund is financially self-sustaining, operating on a break-even basis over time. The Saskatchewan Auto Fund does not receive money from or pay dividends to the government.**Responsibilities:*** Infrastructure automation through Terraform Script. We followed modules and components (InfrastructureASaCode) to deploy the Infrastructure Automation.
* Microsoft maintained 3-level of Environments Dev, NPRD and PROD.
* Created dashboards for CI/CD pipelines in the SGI ADO based on Environment.
* Created Kubernetes cluster for Policy, Claims and Credit Score with deploy application using helm chart.
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| Security and Surveillance, Sysgain**Client:** Microsoft**Role:** DevOps Engineer **Duration**: Feb 2018 – March 2019**Description:**Security and Surveillance (SNS) is a comprehensive terminology which deals with detection, tracking and recognition of humans and various objects. The detection and tracking happen through a live streaming or a recorded version of the captured video streams that facilitates the task of security and surveillance.  SNS solution is a modular framework which works independently with the connected devices and becomes a yardstick concerned with multiple verticals such as retail, security, etc. SNS solution can be seamlessly integrated with existing security devices in the on-premises. SNS can easily access and in turn connect to the IP cameras which help to detect and capture stream from the connected cameras.  **Responsibilities:*** Infrastructure automation through ARM Template
* Create, Deploy, Maintain and Managing the Network, Compute, WebApp resources etc in Azure Cloud.
* Deploying the front end for applications using WebApp resources.
* Configured & integrated Camera, DVR & RTSP stream with aggregator module.
* Integrated Power BI templates with Security & Surveillance.
* Configured Application Insight and OMS Log Analytics.
* Configured High Availability for Cosmos DB and SQL DB.
* Created dashboards in VSTS for CI/CD pipelines, Work items and bugs.
* Resolved Merge Conflicts, configured triggers and queued new builds within the release pipeline.
* Configured Azure AD B2C tenant.

IoT Edge Dynocard, Sysgain**Client:** Microsoft**Role:** DevOps Engineer **Duration**: Sep 2016 -Feb 2018**Description:**Oil and Gas companies want to operate the sucker pumps in an efficient, safe and environmentally responsible manner. Companies use dynamometers (dyno) surveys to determine the condition of the pump operating beneath the ground or downhole. Medium to large oil companies can have thousands of these pumps scattered throughout remote areas of the world. It is very costly to inspect thousands of Dyno Cards individually.A technology solution can be implemented to detect issues with the pump using data points captured from the Dyno Card, capture historical data, potentially stop the pump and alert field technicians.**Responsibilities:*** Automating the solution infrastructure using ARM templates
* Configured the Azure IoT Services with IoT Devices.
* Configured Application Insight and OMS Log Analytics.
* Configured High Availability for Cosmos DB and SQL DB.
* IoT Hub manual failover is helpful to make the IoT Hub available in another region, when IoT Hub of one region if failed.
* Automating the manual configurations using Shell and PowerShell Script.
* Deploy, test and validating the end-to-end solution.
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# PROFESSIONALEXPERIENCE

* Affluent Global Services Pvt Ltd 14th Nov 2019 to till date (**SR. DevOps Engineer**)
* Sysgain IT Pvt Ltd 1st March 2016 to 30th Sep 2019 (**Cloud Engineer DevOps**)
* Serrata Software Pvt Ltd 8th Nov 2014 to 22 Feb 2016 (**Software Trainee**)

# Skills

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| **Technology** | **Expertise** |
| Cloud | Microsoft Azure, AWS |
| Version Control Tool | Git, GitHub, Subversion |
| CI/CD Tool | Azure DevOps, Jenkins |
| Infrastructure as a code | Terraform Script, ARM Template and Packer |
| Container Service | Docker, Kubernetes |
| Language | C# |
| Scripting Languages | Power Shell, Shell Scripting and Bash Shell |
| Tools | Visual Studio Code, Visual Studio (2017), SSMS, SSIS |
| Database | SQL Server, MySQL |
| Platforms | Windows and Ubuntu |

# Education

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| June2016Master of Technology – Computer Science, JNTUH |
| May2014Bachelor of Science Degree – Computer Science, JNTUH |

# CERTIFICATIONS

**AZ-100** Microsoft Azure Infrastructure and Deployment