

# JAGRITI SRIVASTAVA

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## OBJECTIVE

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Dynamic and skilled DevOps Engineer with extensive hands-on experience in deployment, cloud migration, pipeline creation, build automation, and testing. Proficient in managing both cloud services (AWS, Azure) and physical servers, with a strong passion for developing innovative solutions. Dedicated to leveraging expertise in a collaborative team environment to contribute to cutting-edge projects. Committed to continuous learning and expanding knowledge and skills in emerging technologies.

## EDUCATION

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**Dr. APJ Abdul Kalam technical University.**  
Bachelors of technology

*2018-2022*  
CGPA: 9.0

## TECHNICAL SKILLSET

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<b>Cloud Services</b>	<b>AWS</b> (EC2, Route S3, RDS) <b>Azure</b> (RSG, NSG, ASP Managed Instance)
<b>CI Tool</b>	Jenkins, AWS CodePipeline, Azure Pipelines
<b>Build Tools</b>	Maven, AWS CodeBuild
<b>Configuration Management</b>	Ansible
<b>Containerization Tools</b>	Docker, Docker Swarm and Kubernetes
<b>Infrastructure as code tool</b>	Terraform, ARM Templates, AWS CloudFormation
<b>Monitoring &amp; logging</b>	Nagios, Splunk, AWS CloudWatch, Azure Monitor
<b>SCM Tool</b>	Git, GitHub, Bit Bucket, Azure Repos
<b>Virtualization</b>	VMWare
<b>OS</b>	UNIX, Linux

## WORK EXPERIENCE

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**Infosys Private Limited – DevOps Engineer**

**Bangalore, India**

**07/2022 – Current**

- Collaborate with the development team to implement a Git and Jenkins-based CI/CD pipeline.
- Manage releases and upgrades using GitHub, Jenkins, and Ansible in a streamlined CI/CD pipeline.
- Setup Jenkins and create jobs for different builds.
- Deploy codes to multiple production hosts with the help of Ansible. Write playbooks in Ansible.
- Troubleshooting deployment and installation issues.
- Create application start/stop jobs in Jenkins to run automatically during the weekly maintenance windows.
- Automating the regular task such as creating infrastructure by YAML, JSON and PowerShell scripts
- Automated disk space usage, CPU and memory utilization of the servers with Shell and python scripting
- Experience in the Monitoring and troubleshooting of the Servers using various third-party tools like Nagios.

## PROJECTS

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### 1) Infosys Resource Group Billing Cost Automation Tool

- Utilized Azure DevOps to develop and deploy an application within Azure Virtual Machines aimed

at reducing Resource Group Billing Costs. This initiative involved leveraging DevOps practices to optimize resource allocation and streamline processes, ultimately minimizing operational expenses associated with Microsoft Azure services. By integrating automation and best practices, we effectively managed and controlled resource usage, contributing to cost savings and operational efficiency within the Azure environment.

- Developed and delivered an Infrastructure as Code (IaC) model designed to assist users in optimizing service utilization in a cost-effective manner.
- Utilized YAML/JSON files and PowerShell scripts to automate build tasks and create pipelines within Azure Resource Manager (ARM) templates. This approach streamlined the deployment and management of infrastructure components, enabling efficient provisioning and configuration of resources.

## 2) Data Migration from Physical Servers to Cloud

- Led a team of 5 members in successfully migrating existing physical servers to the Azure Cloud platform
- Managed a full backup of the database into an Azure Managed Instance to support the seamless migration of existing physical servers to the Azure Cloud. This approach ensured continuous availability of critical services without any downtime during the migration process
- Deployed Azure Migrate to initiate and configure a project seamlessly from local machines. This involved setting up the necessary infrastructure and configurations within Azure to facilitate the migration process of physical servers to the cloud environment.
- Pipeline was designed to automate and streamline the migration process, ensuring efficient deployment and minimal manual intervention
- Currently leading efforts to automate server maintenance tasks, focusing on optimizing disk space management and memory utilization.

## CERTIFICATIONS

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- Infosys Certified DevOps Engineer
- AZ- 900 Microsoft Azure Fundamentals
- AWS certified fundamental Services

## ACHIEVEMENTS

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- Awarded as ACE star performer in the training program conducted by Infosys.
- Awarded as the best Tech Lead 2023-24 for leading the best group performance.

## PERSONAL INFORMATION

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- Hobbies: Chess, Badminton.
- Languages: Hindi, English
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