Chaitanya KV

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Professional Summary:

* Having 7+ years of experience working with DevOps tools and technologies like CICD, Infrastructure as Code, Build and Release Management, Linux Administration and Cloud Engineering.
* Currently working in Cloud and DevOps engineering team primarily involved in designing and implementing public cloud-based solutions for application hosting.
* Proficient in DevOps orchestration tools like Jenkins, Azure DevOps pipelines.
* Actively involved in automation activities starting from restoring databases using PowerShell up to simplifying client onboarding using terraform.
* Have worked with Docker and Container services like ECS for microservice hosting
* Have setup Kubernetes clusters using terraform on AKS
* Modernizing various application hosted on traditional VMs to Azure App services.
* Worked on CD tools like Chef to prepare cookbooks for Automated EC2 provisioning.
* Working on Agile models of projects abiding by sprint rules and activities.
* Have been on Admin role for multiple tools like Jenkins, SonarQube, JFrog, WebLogic
* Enthusiastic nature with eagerness to pick up, learn and start using new technologies
* Decent experience handling build, deploy and hosting issues on multiple platforms like Azure Application services, IaaS models and Container services.

Academics:

* B.Tech from SASTRA University, Tanjore, Tamilnadu, 2014 with 7.0 CGPA
* Azure AZ 900
* Terraform certified

Tools:

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| Tool/Technology | Experience in Years | Rating by Self (10 highest) |
| Terraform | 2 | 8 |
| Jenkins | 7 | 9 |
| Azure DevOps | 1.5 | 7 |
| Azure | 2 | 7 |
| PowerShell/Linux Shell | 2 | 7 |
| Linux | 5 | 7 |
| AWS | 2 | 6 |
| AppDynamics | 1.5 | 6 |
| Windows | 2 | 6 |
| Docker | 0.5 | 5 |
| Kubernetes | 0.5 | 5 |
| GitHub | 2 | 5 |
| Chef/Ansible | 0.5 | 5 |

Experience Timeline:

* KPMG Global Services (Dec 2019 to Present) as Assistant Manager
* Infosys Ltd. (Feb 2018 to Dec 2019) as Senior Associate Consultant
* TataConsultancyServices (July 2014 to Feb 2018) Senior Systems Engineer

Projects:

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| Company: | KPMG Global Services | Project | Internal |
| Stack | Kubernetes, Terraform, Jenkins, Azure DevOps | Duration | Feb 2022 to Present |

* Automating Kubernetes cluster provisioning using Terraform and Jenkins
* Provide CICD solution using Azure DevOps to orchestrate build using Gradle and pushing the image to Docker hub repository
* Resolving build and deployment issues on a regular basis

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| Company | KPMG Global Services | Project | Banking |
| Stack | Azure Data factory, Azure DevOps, Terraform | Duration | August 2021 to Feb 2022 |

* Provisioning infrastructure on Azure for Data Analytics implementation
* Extensively worked on PaaS services like Azure Data Factory, Data Bricks with pipeline, clusters, users.
* Azure DevOps pipelines configured for terraform and ADF pipelines triggers

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| Company: | KPMG Global Services | Project | Public cloud migration |
| Stack | Terraform, Azure, Powershell, MSSQL | Duration | Dec 2019 to July 2021 |

* Migrating .NET applications running on old HP datacenters to Azure Cloud along with automating the entire provisioning in the process
* Developed terraform code and Jenkins pipelines for infrastructure provisioning
* Automated the code build and deployment on Azure DevOps
* Setup and automate MSSQL IAAS servers and automate their migration activities using PowerShell
* Identify and modernize applications to host them on Azure Application Service and Azure SQL DB
* Upgrade the tools like terraform and MSSQL to the latest versions.
* Making the infrastructure security compliant as per Qualys, security center.

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| Company: | Infosys Ltd. | Project | Li and Fung Retail, Hongkong |
| Stack | GitHub, Jenkins, WebLogic, Ansible, JFrog, Maven | Duration | Feb 2018 to Nov 2019 |

* Single Point of contact for all operations related activities and tool administration
* Setting up and monitoring using Application Dynamics
* Prod and testing environment management
* Administered and upgraded various tools like JFrog to remediate vulnerabilities
* Troubleshoot application downtimes in Prod and non-Prod environments

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| Company | Tata Consultancy Services | Project | Power and water |
| Stack | Cloud Formation Templates, Jenkins, AWS, Chef | Duration | Jan 2017 to Jan 2018 |

* Infrastructure automation as per application requirements
* Infrastructure as Code with Cloud Formation templates and CD using Chef cookbooks
* AWS administration using Security Groups, IAM, Network Whitelisting.
* Develop and improve Jenkins pipelines to orchestrate manual activities like AMI creation

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| Company | Tata Consultancy Services | Project | Credit Suisse |
| Stack | ServiceNow, JIRA, Teamcity, Nolio, Linux Shell Scripting, Tortoise SVN | Duration | July 2014 to Dec 2016 |

* Test and Production Linux environment provisioning and management
* Streamlined deployment processes by CICD implementation
* Implement CICD tools like Teamcity, Nolio etc.
* Linux Shell Scripting and cronjobs scheduling to automate application deployments
* Participated in release management cycle
* Troubleshooting and Linux administration on testing environments