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**VR RAJESH**

**Senior Devops Engineer**

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| Profile Summary |

Around 9.11+ years of experience **Devops & Linux** in IT industry with major focus on development, operations and designing the implementing and automating end-to-end Continuous and Deployment, Configuration Management, Build & Release Management, Infrastructure Management.

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| Technical Skills: |

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| Operating systems | **UNIX, Linux, RHEL, Centos and Ubuntu** |
| Version Control tools | Git, GitHub, Azure Repo & Bit Bucket |
| Build Tools | Maven, NodeJS |
| Continuous Integration Tools | Azure Devops CI/CD & Jenkins |
| Configuration Management Tools | Ansible & Ansible Tower |
| Monitoring tools | Zabbix, Nagios, ELK & Prometheus |
| Cloud Platforms | AWS & Azure |
| Scripting Languages | Shell Bash Scripting |
| IaaC Tools | Terraform, Dockerfile |
| Containerization | Kubernetes & Docker |
| Security (**Vulnerability Scanners Tool**) | Rapid7 Nexpose |

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| **Certifications** |
| * Terraform Certified. * RHCSA & RHCE (REDHAT 6) Certified |

* Worked as **AWS** and DevOps engineer in various dynamic environments.
* Implemented infrastructure experience on **Terraform.**
* Strong experience on **Kubernetes Clusters**.
* I have setup **Rancher** **tool** to manage all cluster. Using this tool i have setup alert over cluster like if any pod or node will be down or having cpu/memory high then I will get notification over mail id or DL.
* I have managed multiple deployment file like **Stateful Set file, Daemon Set File, Daemon Set, Deployment, Replica Set.**
* Even I faced multiple issue during upgradation and I have fixed those one.
* Strong experience with monitoring tools such as **Zabbix,** **Prometheus & Grafana**.
* I have migrated resource from on-premise cluster to Clusters using **velero** tool.
* Apart from all tasks I have worked on multiple issue like pod are getting imagepullback off error, pod is stuck in terminating state, pod is stuck in pending state, APP URL are not accessible, Pod is in crash loopback off state so I have fixed all of them.
* Good hands-on AWS services like **EC2, S3.**
* Experience working with version control systems like **GIT** and used Source code management tools

# GitHub Enterprise.

* Implemented a CI/CD pipeline involving **Azure Devops CI/CD, AZURE REPO, terraform,Jenkins and Ansible** for complete automation.
* Installed and configured **Ansible Tower** and created **Ansible Playbooks** for deployments and patch management.
* Expert knowledge of database design, replication and administration **MySQL & MongoDB**.
* Experience in multi platforms like **UNIX, Ubuntu and RHEL** production, test, and development servers
* Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.

# Professional Summary:

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| **Project Experience** |

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| Coforge (October 2023 to till date | |
| Client | **CAE** |
| Details: | **Airlines** **Project**: Emirates, Saudi Arabian Airlines, Japan Airlines, SkyWest Airlines, jet2.com, Jetstar, Bangkok Airways, Wizz Air, Azul, Airindia, Garuda, Akasa Air. |
| Role: | Devops Engineer |
| Tools/Environment | Terraform, Ansible, AZURE Devops CI/CD, Docker, Kubernetes, GIT, Ubuntu, Linux, AWS. |

**Responsibilities:**

* Currently working in **Coforge.**
* Around 9.11+ years of experience **Devops** in IT industry with major focus on development and designing the implementing and automating end-to-end Continuous and Deployment, Configuration Management, Build & Release Management, Infrastructure Management.
* Upgrading App tools and ensuring tools are up and running all the time.
* Actively engaged in the development and management of CrewManager, CrewBidding, and CrewAccess applications across **Cert** and **Production** environments. Responsible for the continuous enhancement of these applications, including the upgrade and maintenance of DevOps tools to ensure their uninterrupted operation.
* Creating Ansible playbooks to install and upgrade software tools. Automate the configuration of servers and application deployment.
* Utilized Bash shell scripting to automate data processing tasks, resulting in a 40% reduction in processing time.
* Implemented Bash scripts for system monitoring and maintenance, enhancing system stability and uptime.
* As part for the Migration activity we are Creating instances Prod and Cert environments using Terraform and aws-cloudformation scripts.
* Utilizing the lift and shift method for seamless migration of applications and infrastructure within the same region on AWS.
* Proficiently installing the correct and latest versions of applications while ensuring that the associated databases are updated to match the current version of the application.
* Configured application components in AWS, deploying Virtual Machines. Collaborated with the

Citrix team to ensure integration into the correct Domain group. Conducted validation with the Community Portal team to confirm proper functionality on both Virtual Desktop Agents (VDA's) and the Community Portal.

* Proficiently installing the correct and latest versions of applications while ensuring that the associated databases are updated to match the current version of the application
* Collaborated with Operational teams and DBA Team ensured that modified SQL Schema as per AWS requirement. Ensure all Queues,Users,Services and Events, Event versions, prior to check all events, services are working properly initiate the migration plan.
* Managing software tools infrastructure and monitoring all the services running in the servers using consul and Zabbix and opensearch dashboards.
* Preparing reports with data from the tools database servers as per the request.
* Collaborated with customers and the delivery team to facilitate the smooth handover of the application, conducting end-to-end validations during the mock cut-over(**Cert** and **Prod Env**).
* Participated change advisory meetings and represented all scheduled changes that can process migration.

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| Work Summary: | |
| FIS (October 2020 to 04 May 2023) | |
| Client | FIS |
| Details: | Banking, Finance |
| Role: | Devops Engineer |
| Tools/Environment | GIT, Ansible, Jenkins, Docker, Kubernetes, Ubuntu, Linux, AWS. |

**Responsibilities:**

* Experience in DevOps Engineering in automating, building and deploying of code with in different environments (Dev, QA, and Prod).

• Proficient in several Terraform modules for infrastructure management, Terraform scripts to set up AWS resources EKS, VPC, EC2, AMI, Images, ELB, and automate the deployment & infrastructure.

• Experienced in migrating on-premises, .Net apps, DevOps platform to Azure CI/CD processes by utilizing ARM templates, Azure DevOps, Azure CLI, App services to build Repos, Pipelines, Web Apps, and monitoring applications using Application Insights.

• Expertise in deploying microservices, application development, and upgradation using Azure services such as Azure DevOps, Kubernetes Service (AKS), Container Services, MySQL DB, and Grafana, Azure pipelines, RBAC, and monitoring clusters.

• Hands-on experience in using JIRA as a bug tracking system. Configured various workflows, customizations, and plug-ins for JIRA bug/issue tracker and integration of Jenkins with Jira/ GitHub to track change requests, bug fixes manage tickets for corresponding Sprints.

* Proficient in configuration management tool Ansible and Ansible Tower where I worked on Playbooks, Inventory files to set up servers, deploying software, orchestrate fault-tolerance updates and delivery incorporating Ansible Tower for access control and generate automated workflows.
* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
* Created users, repositories, branching, tagging, patch fixes, pull request, and trained users on the Git version control system.
* Monitored the automated build and continuous integration process to ensure correct build execution and facilitate resolution of build/ release failures.
* Performed build and release of all software cycles engineering, test, production, update, patches and maintenance.
* Set up of Application environment which includes installation of products like Apache Tomcat server on UNIX, Linux and Windows platform.
* Installed, configured and administration of Tomcat Application Server Deployment on Linux and Windows Server.
* Deployment activities in production.

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| IBM (November 2014 to August 2020) | |
| Client: | Telstra |
| Details: | Telcom and Healthcare. |
| Role: | DevOps Engineer, Linux Admin |
| Tools/Environment: | GIT, Ansible, Jenkins, Tomcat, Maven, Docker, Ubuntu, Linux, AWS EC2,IBM cloud. |

# Responsibilities:

* Responsible to handle and monitoring Newrelic for production Systems.
* Handling the Java Based Application.
* Management of the infrastructure setup (dev and prod environment).
* Setup of the Continuous Integration and Continuous deployment process using GIT.
* Work on the architecture diagram for the application.
* Setup Ansible and wrote the playbooks for soft Updates.
* Creating EC2 and managing instances of all types.
* Assigning IP’s and launching instances into VPC.
* Administering users, groups and setting up of policies by using IAM.
* Monitoring all cloud services by using Cloud Watch.
* Worked on all kinds of EBS volumes, snapshots and EFS.
* Creating Elastic Load Balancer and attaching instances to that ELB.
* Worked on Application Load Balancer, created Target Groups assigning that into ALB.
* Worked on RDS creation and managing.
* Responsible for managing the SSL Certificates.
* Worked on AMI’s.
* Responsible to Create EC2 Instances with HIPPA Compliance.
* Created DEV user’s and Test users on Windows Server.
* User Profile and Authorization Management
* Handling daily bases change and request tickets, mails and calls.
* User Account management using SLA Identity Management.
* Expertise in Identity & Access Management technology.
* Worked with Authorization Access Policies, Rules, and Roles.
* Providing remote administration of Linux servers.
* Server security hardening according to company information risk polices.
* Setting up local or remote repositories for package installations and managing the packages us ing YUM or RPM.
* Working with BMC Remedy and Service Now ticketing tools to track/prioritize issues on daily basis according to the agreed SLA (Service Level Agreement). Support per service request, complete assigned incident management tasks, attend CAB meetings, provide RCA and resource optimizations if there are any.
* Package and patch administration.
* Automation patching by using Bigfix and Ansible tower.
* Experience in creating Jenkins pipelines for CI/CD release management. Configuring Jenkins job to trigger based on the changes in Git source code.
* Managing configurations across multiple environments for various releases and has experience in designing instance strategies
* Deploy and configure various applications on EC2 instances and created, configured s3 bucket with restricted policies.
* Communicating with client regarding the status on daily basis.
* Worked for DevOps Process by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization
* Experience in troubleshooting deployment errors.

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| EDUCATION & CERTIFICATIONS: |

* B.E in Electronics &amp; Communication Engineering (2009-2013) from **VTU University**-**Bangalore**.
* 12TH in Nalanda Junior College (2006- 2008).
* 10TH in Vijaya Public School (2005-2006).

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| DECLARATION |

EDUCATION & CERTIFICATIONS:

I hereby declare that the above-mentioned details are true to best of my knowledge.

**Rajesh VR**