**AWS-DevOps Engineer**

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**PROFESSIONAL SUMMARY:**

Having total 3.1 **years** of experience in the IT industry, Relevant hands-on experience 3.0 years with **AWS, DevOps.**

**SKILL SUMMARY (DevOps&AWS):**

* Implementing the CICD process. Good at implementingpipelines as a code in Jenkins.
* Integrating **Jenkins** and GIT in AWS.
* Expertise in version source Management tools like **GIT**.
* Responsible for Dev, QA, Staging Environments for availability.
* Good experience using**ApacheMaven**for building java-based web applications.
* Hands on Experience on Continuous Integration tool like Jenkins.
* Configuring jobs, master slaves and managing using in Jenkins.
* Hands on experience with Configuration Management Tool such as **Ansible.**
* Participated in release level discussions and went through the total **SDLC and Agile** methodology.
* Hands experience on **Amazon EC2 cloud deployments** using **DevOps tools** like **Ansible/Chef/Puppet.**
* Expert in Cloud Technologies like Amazon Web Services **(**AWS**) EC2, S3, IAM, EBS, CLOUD WATCH.**
* Hands-on experience on monitoring tools like **AppDynamics, Splunk** and **Amazon Cloud Watch** to maintain various systems in different environments.
* Managing users and privilege services using **IAM** in AWS.
* Good Experience on user level **Linux** Commands.
* Troubleshooting Linux servers, memory checks, process checks etc.
* Experience in installation and administration of Apache Httpd 2x, Tomcat 6x,7x on different platforms Linux and Windows.
* Having knowledge on setting up and managing**Docker private repository** and maintaining the Containers using **Docker**.
* Support on-call 24/7 for all **DevOps** activities.

**PROFESSIONAL EXPERIENCE:**

* Currently working as a **DevOps - AWS Engineer** in **FLEXAGON TECHNOSOLUTIONS,Pune** from **april 2018 to till date.**

**EDUCATION:**

* BTech (Mech) at Kamala Inst. Of Technology and Science (KITS) (2014-2018).
* Inter (MPC ) from Sri Gayatri Junior College in 2012-2014.

**TECHNICAL SKILLS:**

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| --- | --- |
| Version Control system & Global Repository | GIT, GitHub |
| CICD Tool | Jenkins |
| Build tool | Maven |
| Configuration Management | Ansible |
| Containerization/Micro services | Docker / |
| Log Analysis tool | AWS CloudWatch |
| Application Monitoring Tool | Nagios |
| Ticketing Tools | JIRA and ServiceNow |
| Webserver | Apache 2x |
| Application servers | Tomcat 7x |
| Scripting Languages | Shell Script |
| AWS CLOUD PLATFORM | EC2, S3, Route53, ELB, RDS, , IAM,  CloudWatch, , AWS Backup... |
| Code quality (Continues inspection) | SonarQube and Junit |
| Operating Systems | Windows, Linux |
| Networking Protocols | TCP/IP, SSH, DNS, HTTP |

**PROJECT DETAILS:**

|  |  |
| --- | --- |
| **Project #1** | **DSM (september 2018 – till date )** |
| **Role** | **AWS-DevOps Engineer** |

**Description:** The  DSM N.V., is a Dutch multinational corporation active in the fields of health, nutrition and materials. Headquartered in Heerlen .

**Responsibilities:**

* Well-versed with Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, ALB, S3, CloudFront, EBS, RDS, VPC, Route53, CloudWatch, Cloud Trail, CloudFormation, IAM.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Configuring and Networking of Virtual Private Cloud (VPC). Develop Cloud Formation scripts to automate EC2 instances.
* Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), Auto Scaling.
* Created alarms and notifications for EC2 instances using Cloud Watch. Installed and configured Nagios monitor tool performance on all nodes.
* Used Jenkins, Build forge for Continuous Integration and Continuous Delivery (**CICD**) into Tomcat Application Server
* Created Docker files and build images and push to the Docker private registry
* Set up the local development environments through Docker containers for new developers.
* Developing build and deployment pipelines using Jenkins, Maven for Java applications
* Developed a fully automated continuous integration system using Git, Jenkins and custom tools developed in Bash.
* Experience in build management and continuous integration tools. (Jenkins)
* Designed and built cloud service models including Infrastructure-as-a-Service (**IAAS**) Driving industry best practice implementation around CI/CD and infrastructure management.

**Environment:** GIT, Jenkins,Maven, **Ansible**, AWS, Apache Tomcat, Linux,JIRA.

**Linux Administration Skills:**

* User creation
* Group creation
* Folder creation and folder permissions as per the project
* Create permissions to users for appropriate groups, as per the service request.
* Copy/move application related files or folders to desired location, as per the change requests.
* Installed and managed different RPM Linux repositories configured YUM Installs.
* As per daily/weekly checks performed ‘cron’ job tasks.
* Monitoring server’s issues/warning/alerts.
* Performing server health checks.
* Monitored system logs.
* Administered user accounts.
* Troubleshooting user logins using various remote login utilities.
* Proficient in troubleshooting system problems.
* Performed administration and monitored job processes using associated commands.
* Maintaining and troubleshooting network connectivity on Linux Servers.
* Customized user environment for users.

**Declaration**:

I sincerely feel that working and to be served in your organization will fulfil my cherished goals. I, hereby, declare that above information is true to the best of my knowledge.

Place: Hyderabad P. Dinesh