**NAME: SANDEEP KUMAR**

**Jr.DevOps Engineer**

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**SUMMARY:**

* Have 4+ years of IT industry experience as DevOps Engineer and Systems Administrator with expertise in Build/Release Management, Configuration Management, Linux Administration, Jfrog and Jenkins administration
* **Duties:** - Collaborating with other DevOps engineers to maintain a deployment and management strategy - Assisting with creating and maintaining an automation and monitoring framework - Developing automation using Shell scripting, Linux, Ansible, etc. - Creating and implementing application monitoring and logging strategies using tools like Nagios.
* Expertise in creating DevOps strategy in a mix environment of Linux along with Amazon Web Services(AWS).
* Experience in branching, merging, tagging, and maintaining the version across the environments using SCM tool like GitHub.
* Expertise in Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with Shell and Python Scripts to automate routine Jobs.
* Strong experience in Configuration Management tools such as Ansible and worked on scripting Ansible Playbooks.
* Extensively experienced in using build automation tools like Maven and ANT for the building of deployable artifacts such as jar, war from source code.
* Experience in installing and configuring the application and web servers such as Apache, Nginx, Tomcat and deployed several applications on these servers.
* Extensively experienced in monitoring servers using Nagios.
* Experience in Cloud technologies including Infrastructure as a Service, Platform as a Service, and Software as a Service provider (IAAS, PAAS, and SAAS).
* Experience in Docker based container deployments to create environments for dev teams and cluster management using Docker.
* Skilled experience in Amazon EC2, Amazon S3, VPC, Security groups, Cloud Watch, RDS, Amazon Elastic Load Balancing and other services of the AWS family.
* Efficiently used Atlassian Tool such as JIRA.
* Expertise in installation, configuration and management of databases such as Oracle, MySQL, MS SQL Server, MongoDB.
* Experience in Java/J2EE, applications development, building and releasing in different Environments.
* Experience on managing Jenkins masters and Jfrog Artifactory servers.

**Technologies:**

* **Operating Systems:** Windows, Linux(RHEL), Ubuntu, CentOS
* **Programming Languages:** C, C#, JAVA, .Net,
* **Scripting Languages:** Shell, Python.
* **CI/CD Tools:** Jenkins, ANT, Maven, Docker, Ansible
* **SCM Tools:** GitHub
* **Databases:**  MySQL, MongoDB
* **Monitoring Tools**: Nagios, Cloud watch
* **Web and Application Servers**: Apache, Nginx, Tomcat.

**PROFESSIONAL EXPERIENCE:**

**Client:** Verizon Feb 05th /2016 – Oct 31st/2018

Hyderabad, Telangana

**Role:** Jr.DevOps Engineer

**Responsibilities:**

* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
* Developed build and deployment scripts using Maven as build tools and Jenkins as automation tool to move from one environment to other environments.
* Used bug tracking tool JIRA and also triaged the issues and fixed bugs using JIRA tool.
* Building post install scripts using Shell scripting in Linux servers.
* Implemented Continuous Integration using Jenkins and GIT from scratch.
* Responsible for performing tasks like Branching, Tagging, and Release Activities on Version Control Tool GIT.
* Wrote Ansible Playbooks with YAML, SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using yaml.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using Ansible playbooks and has Integrated Ansible with Jenkins.
* Developed automation framework for Application Deployments to the AWS cloud Environments.
* Created Docker images using a Docker file. Worked on Docker container snapshots, removing images and managing docker volumes and experienced with Docker container service.
* Working with AWS Load balancers, Route 53 and SNS in the defined virtual private connection.
* Created alarms in Cloud Watch service for monitoring the server performance, CPU Utilization, disk usage etc.
* Migrating present Linux environment to AWS by creating and executing a migration plan, deployed EC2 instances in VPC, configured security groups, attached profiles and roles using AWS Cloud Formation templates.
* Proficient in deploying applications that uses MySQL or similar RDBMS and managed backups with point-in-time recovery of MongoDB.
* Configured Elastic Load balancer (ELB) including high availability of ELB using various subnets in various availability zones, configured security settings and health check for application.

**Client:** AMD Ind Pvt.Ltd **PAYROLL:** Cerium systems (Bangalore) **Nov 01st /2018 – Till now**

Hyderabad, Telangana

**Role:** DevOps Engineer

* Collaborating with leads from DEV, QA, Install, DevOps and other functional groups to implement Continuous Integration.
* Responsible for various product releases and supporting for those build failures and fixed the bugs in Asian time Zone,
* Supporting activities and part of an admin to our own Packaging tool.
* Installed and Configured the Jfrog Mission control and integrated with different environments of Artifactory instances.
* Managing the Artifactory servers across the global like Access related, New Repositories depends on the User requirement.
* Used Jenkins to create CI/CD pipeline for Artifactory using the plugin provided by Jfrog.
* I had been part of the Artifactory upgrade from 6.9.1 to 6.10.4
* Monitored jobs using Jenkins console and fixed various build node issues.
* Expert in maintaining Build servers (physical and VM’s). Maintained our own infra (in Hyderbad) without any server down and server crash in span of 2 years.
* Hands on experience on creating Proxmox servers and Vsphere for Vm host.
* Hands on experience on configuring Jenkins masters using cloudbees OC and part of a Jenkins master admin.
* Configured the Grafana for alerts of Jenkins master and Jfrog artifactory servers.

**Environment:** Linux, AWS (EC2, VPC, ELB, S3, RDS, Cloud Watch and Route 53, Cloud watch, Auto Scaling, EBS,IAM), Git, Docker, Maven, Ansible, Shell Scripting, Jenkins, MySQL, Apache, Nginx, Tomcat, Jira,Jfrog,Grafana.

**DECLARATION:**

I hereby declare that the above given particulars are true to my knowledge and belief.

**B. SANDEEP KUMAR**

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