CLOUD DEVOPS ENGINEER

GAURAV KUMAR SINGH

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### TECHNICAL SUMMARY

2.2 years of IT experience. 4 months of experience in production support, 1.5 years of experience Cloud Devops engineer as software configuration management which includes Project Setup, Build & Release process setup, Build Automation, Continuous Integration, SCM process improvements, Migrating an existing on-premises applications to AWS cloud.

* Experience in Version control systems like **GIT, Bitbucket.**
* Experience in CI Tools like **Jenkins**.
* Creating and maintaining the repositories in Nexus, Artifactory
* Experience in AWS services like EC2, S3, ELB, ASG, IAM, ECS etc.
* Worked on configuration management tool Puppet. Familiar with Ansible.
* Experience in automation tools like Puppet, Terraform, Packer.

### PROFESSIONAL EXPERIENCE

* Working as Devops Engineer at Wipro Technologies from Dec 2018 .

### TECHNICAL SKILLS

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| --- | --- |
| SCM Tools | GIT, Nexus, Artifactory, Bitbucket |
| Scripting Languages | Shell |
| Build Tools | Jenkins |
| Ticketing Tool | Jira, Assyst,confluence |
| Operating Systems | LINUX/UNIX & Windows |
| Web/Application Servers | IIS, Apache Tomcat,Nginx |
| Monitoring Tools | Splunk, Cloud Watch |

PROJECTS DETAILS

Project # 1:

Project : Aviva Health Insurance

Date : March 2019 to April 2020

Role : Cloud Devops Engineer

Team :Cloud Migration Factory

Company : Wipro Technologies

Responsibilities

* Migrating an existing on-premises application to AWS cloud
* Build and release EC2 Instances through various environments (DEV, UAT, PRE-PROD & PROD) Pre-Installed Application machine images with the help of Packer.
* Effective use of Terraform to create instances, security groups etc.,
* Automated deployments by creating own templates using CloudFormation in GUI.
* Server configuration management via Puppet tools to set up an effective infrastructure. Setup and managed backup and recovery using snapshot
* Configured cache memory using Elasticache service.
* Setting up highly scalable Infrastructure (Horizontal and vertical) with configuring auto scaling. Configured ELB and ALB to balance the application traffic.
* Configured Route53 DNS failover infrastructure for high availability.
* Configured cloud watch for monitoring Instances, RDS, ELB etc.,
* Configured Lambda for scheduling RDS service.
* Deploying, managing, and operating scalable, highly available, and fault tolerant systems on AWS
* Worked on groovy scripts to build Jenkins jobs for automated deployment.
* Responsible for troubleshooting various system problems such as core dump analysis, network problems

Automation: Puppet, Terraform, Packer, Docker, Jenkins.

Ticketing tools: Jira, confluence

Version Control: Git, GitHub, Nexus, SVN, Bitbucket, Artifactory

Project # 2:

Project : CiS Run Project

Date : May2020 to Aug 2020

Role : Production Support Engineer

Company : Wipro Technologies

Responsibilities

* Monitoring citrix instances into different environments.
* Reporting issue like increase in load on servers.
* Worked in Application Support project which involves Monitoring services and making report of the issues and its fix.
* Updating windows servers of citrix instances which was deployed to production server.
* Worked on Assyst tool, which include incidents/Changes tickets.

EDUCATION

* Bachelor of Engineering

P E S college of engineering , Mandya, Karnatka

* Intermediate (12th)

A N College , Patna, Bihar

DECLARATION

I hereby declare that all the above furnished details are correct to the best of my knowledge.

Location: Bengaluru Gaurav Singh