SIVA NAGARAJU KOKKILIGADDA,DEVOPS ENGINEER

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Career Objective:

- Seeking an opportunity to work in challenging environment, learn new skills and enhance the same for the organization growth and development.

Career Summary

- DevOps Engineer with 2.5 years of experience and good exposure in Automation tools such as Jenkins, Docker, Kubernetes, Ansible, Aws etc. and scripting skills in shell & Python.
- Understanding the environment, administrating and creating solutions using AWS services, CI/CD, Git.
- Configuring Jenkins job with related Plugins for Building, Testing and Continuous Deployment to accomplish the complete CI/CD.
- Experienced with AWS Cloud platform and its features, which includes EC2, EBS, IAM and S3.
- Monitoring servers thorough Amazon Cloud Watch.
- Creating and Managing Volumes upgrade/Downgrade AWS Resources CPU, Memory, EBS.
- Experience in writing playbooks and creating Roles for Scalability and Reusability in Ansible
- Extensive Good experience with Continuous Integration Jenkins Tool.
- Automated the cloud deployments using Ansible.
- Installed and Setup Nagios Server monitoring tools, Plug-in, NRPE.

- Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.
- Having good knowledge on SSH connections and password less authentications between two servers.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.

Work Experience Details

Organization: **ADP pvt. Ltd,Hyderabad.**

Tenure: April 27-2020 to till date.

Organization: **Cygilant, Inc,Hyderabad.**

Tenure: May 13-2019 – April 24-2020.

ezLaborManager: Duration from April 2020 to till Date**.**

ADP's ezLaborManager is a cloud-based workforce management solution that helps small businesses to automate the time and attendance processes and manage payroll preparation.

Roles and responsibilities:

- Deploying the software on local/aws/qa stack and resolve the deployment issues.
- Creating the docker images and doing the enhancements on docker compose file.

- Deployment of application to the Tomcat Application Server.

- Implemented Continuous Integration and Continuous deployment using various CI Tools like Jenkins,

- Involving in deploying the content cloud platform on Amazon AWS using EC2. Evaluate Ansible framework and tools to automate the cloud deployment and operations.

- Writing automation scripts in shell and python to enhance the CI-CD pipeline.

- Maintaining the Amazon EC2 instances and procure/downgrade the instances/Disk on need basis.

Securevue-Cloud: Duration from May-2019 to April 2020.

Cloud-based Saas Platform collection all relevant security and compliance information through integration with fully managed and/or co-managed security technologies. Normalizes, correlates and enriches the data with contextual threat intelligence to detect anomalies, patterns and suspicious behaviors by leveraging on the latest big data technologies.

Roles and responsibilities:

- Writing/enhancing the **installer scripts & Ansible.yml** file for ease deployments
- Configuring Nagios alerts for **Kibana** visualization results
- Creating the build jobs and preparing the builds using build servers.
- Deploying the builds on local of development unit testing and releasing the builds to QA.
- Maintaining the subversion like tagging the GA sources and creating the new branches for new production version.
- **Automating** the build generation and deployment process using Jenkins and Ansible.
- Monitoring the local development stacks and resolve the stack issues with the help of IT team and ensure stack is always available for developers.
- Maintaining the AWS staging stack like deploying the release candidate builds for QA testing and starting/stopping the instances on need basis to reduce the cost.
- Deploying the softwares on production environment.
- Monitoring the production stack 24/7 using few thirdparty tools like Nagios, ElasticSearch and kibana.
- Writing the automation scripts to perform the scheduled activities to avoid down-time issues.
- Identifying the production issues and fixing the production issues on priority base.
- Documenting the stack issues on confluence and assisting QA team to raise the ticket for fixing the issue.

- Monitor the production stats regularly and prepare the report to stack enhancements like resources/disk additions on need basis.
- Writing the instance/disk procurement documents and change request documents and take the approval from higher management. Directory or VP.
- Working on software cluster setup POC documents and test the configuration on staging stack and prepare the checklist/steps and certify the changes by Dev and QA deploy it on production.
- Downscaling the production/staging instances on need basis.

Patch Management: Duration from May-2019 to April 2020.

Enabled to periodically detect the patch version of all installed software & OS and notifies the latest patches that are released and needs to be installed on the Customer's end point. Upon approval, latest patches are downloaded (from HEAT software) and installed on the selected end-points.

Roles and responsibilities:

- Automated the Application build procedure and deployment using Jenkins and Ansible.
- Installing, configuring and administering Jenkins CI tool on Linux machines.
- Setup and Managed backup and recovery using Automation Scripts.
- Responsible for handling the performance issues of applications deployed in AWS environment.
- Created GIT Repositories and specified branching strategies that best fitted.
- Coordinated with developers and managers to make sure that code is deployed in the staging/production environment.

Key Skills
- User administration, creating, modifying and deletion. Resetting UNIX account password.
- Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
- Maintaining highly reliable 24x7x365 Linux production servers for internal, global and AWS EC2 instances.
- Creating IAM Users and Groups and maintain the users Access management and Permissions.
- Configure the Users and Groups policies and permissions.

Technical Skills

Operating Systems	Linux, Windows
Scripting Languages	Python, Shell scripting
Orchestration Tool	Kubernetes
Build Management Tools	Maven
Version Control Tools	GIT with Bit bucket
Containerized Tools	Docker

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Configuration Management Tools	Ansible
Cloud Services	Amazon Web Services (AWS)
Web/Application Servers	Apache, Tomcat
Databases	MySQL,Oracle
Monitoring Tools	Nagios, Splunk, Datadog

Interests & Hobbies

- Playing Cricket
- Travel

Academic Qualifications

Description	Descipline	College/University	Year of Passing	CGPA/ Percentage
B.Tech	CSE	RGUKT-Basar	2019	7.2/10
PUC (XII)	MPC	RGUKT-Basar	2015	7.65/10
SSC (X)	-	VMC HIGH SCHOOL	2013	9.5/10

Personal Details

Name	: siva nagaraju kokkiligadda
Father's Name	: koteswara rao k
Date of Birth	: 25-05-1997
Nationality	: Indian
Marital Status	: Single
Languages Known	: English, Telugu
Address for Communication	: D.No 61-18-7A,Yerrapothula vaari street, Ramalingeswara Nagar, Vijayawada, Krishna District-520013
Contact No	: 7013288843

Declaration:

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

Place: Hyderabad

Yours Sincerely
SivaNagaraju K