Palam Venkatesh Reddy

Having **2.7** years of hands-on experience as **DevOps & AWS Engineer**. Seeking for growth-oriented position and good environment where my knowledge and experience can be shared and enhanced.

palam.venkateshreddy@gmail.com

+91 9703750038

SKILLS AND PROFICIENCIES

- **Operating System:** Linux, Windows.

- **Languages/Scripts:** Python (Basics), Shell scripting
- **Virtualization:** Virtual box, vagrant

- **Version Control System/SC   :** Git

- **Build Tool:** Maven
- **Cloud Technologies:** AWS (Ec2, S3, Vpc, Iam, Auto Scaling, ELB)

- **Configuration Management:** Ansible

- **Containerization:** Docker
- **Continuous Integration:** Jenkins

- **Deployment tools:** Tomcat **Code review Tool:** Sonar QUBE.

LANGUAGES

- English
- Hindi
- Telugu

WORK HISTORY

DevOps Engineer:

AARTISTO Solutions | May 2019 – Dec 2021

Hands on experience with cloud and on premises infrastructure.

EDUCATIONAL BACKGROUND

Bachelor of Technology

Vijay Rural engineering college | 2019

Jawaharlal Nehru Technological University

Board of Intermediate

Sri Sai Raghavendra Junior College | 2015

SSC

Brilliant Model School | 2013

PROFESSIONAL SKILLS

- Automated the deployments to DEV and QA Environments by picking up builds using Jenkins and Azure Pipelines.
- Hands on experience with Configuration Management Tool Ansible.
- Hands experience on Amazon EC2 cloud deployments using DevOps tools Jenkins.
- Involved in designing and deploying applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, SNS, IAM, ELB, EBS) focusing on high-availability, fault tolerance, and auto-scaling.
- Familiar with EC2, Cloud watch, Elastic IP's and managing security groups on AWS.
- Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling.
- Created network architecture on AWS VPC, subnets, Internet Gateway, Route Table and NAT Setup.
- Working with Route 53, DNS failover and setting up Latency based routing, weighted routing policies.
- Worked as GIT administrator as part of my role and monitored the repository for various issues.
- Participated in release level discussions and gone through the total SDLC and Agile process
- Extensive Experience in Jenkins master-slave for multi machine builds.
- Created and maintained Jenkins and Azure pipeline jobs that execute Shell scripts for automation with Pipeline.
- Hand on experience in delivering container-based deployments using Docker in Elastic Beanstalk.
- Extensive experience in setting up the Kubernetes for the Docker to handle cluster-based containers.
- Implemented Testing environments for Kubernetes and administrated the Kubernetes clusters.
- Deployed and orchestrated the applications with Kubernetes.
- Played a key role in automating the deployments on AWS from GitHub with Ansible and Jenkins.
- Having knowledge on Docker images creation using Docker File.
- Key strength is of quickly grasping new concepts and technologies and adaptable to new environment. Open to learn new technologies and tools.
- Effectively co-ordinate with various functions development, testing, environment management, helpdesk within the organization throughout the SDLC.
- Followed best practices, optimize processes, adapt new technologies, quick learner, and hardworking individual.
- Excellent interpersonal communication skills and efficient in working independently and as a team member. Proactive and creative approach towards work.

CAREER SNAPSHOT

Project#2

Client: Smashit Live, India
Role: AWS Engineer & DevOps Engineer
Duration : Sep-2020 to Till Date

- AWS Code build and code commit for repos and building the code.
- AWS ECS Faregate for deploying the code.
- Configured and maintained all the two environments (stage & Prod).
- Configured AWS Ec2, ELB, Route53, IAM as it is a scratch project.
- Mongo DB in Mongo Atlas.

Project#1

Client: McKesson, USA
Role: AWS Engineer & DevOps Engineer
Duration: May-2019 to Sep-2020

Roles and Responsibilities
- Created users and groups using IAM and assigned individual policies to each group.
- Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
- Configured Security group for EC2 Linux instances.
- Experience with monitoring tools such as Cloud Watch.
- Automated deployments for consistent software releases with zero downtime (through build process, packaging, testing and automatic deployment)
- Analyzed and resolved conflicts related to merging of source code for GIT.
- Configured application servers (Tomcat) to deploy the code.
- Created and configured multiple instances on Tomcat Server for different teams.
- Configured Tomcat application server for hosting web apps.
- Used Ansible playbook to execute commands on remote systems.
- Implemented a Continuous Delivery pipeline with Docker and AWS.
- Extensive experience in setting up the Kubernetes for the Docker to handle cluster-based containers.
- Implemented Testing environments for Kubernetes and administrated the Kubernetes clusters.
- Evaluated Composers for Docker container orchestration.
- Experience with building containerized applications using Docker images.
- Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, and Nexus.
- Implemented Continuous Integration using Jenkins and GIT.
- Deployed JAVA/J2EE applications through Tomcat Application servers.
- 24/7 on call supports for emergency site maintenance and immediate build and install requests.