Phanibhushan Yannam

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Profile Summary:

Having overall experience of 4+ years including Aws & DevOps engineering with 2+years of hands- on experience in architecting, automating and optimizing mission critical deployments over large infrastructure. Proficient in Configuration management tools and in administrating CI/CD pipelines.

CORE COMPETENCIES:

* Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (VPC), ELB, EC2, RDS, S3, Route53, SNS, Cloud Front, Cloud Watch and IAM.
* Experienced in creating various dashboards, metrics, alarms and notifications for servers using AWS Cloud Watch
* Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS
* Hands on experience in setting up database in AWS using RDS, storage using S3 bucket and configuring instance backups to S3 bucket to ensure fault tolerance and high availability.
* Experienced in creating complex caching and routing policies with content delivery network (CDN) CloudFront to improve the page speed and TTFB values.
* Experience working with version control systems like Subversion, GIT and used Source code management tools GitHub
* Working experience on pipeline and multi-branch pipeline for our services in development, staging, and pre-production environment by using the integrated Tools Jenkins
* Experience on Container services like Docker for building clusters and for automated application deployment pipeline for custom applications in the cloud environment.
* Hands-On experience in using Nexus and Artifactory repository managers for Maven builds
* Implemented a CI/CD pipeline involving Git, Jenkins, Maven, Ansible, Docker, SonarQube, Nexus and Prometheus for complete automation.
* Proficient in using Configuration Management tools such as Ansible on Linux machines. Created many customized modules Playbooks for configuring applications on the client nodes
* Designed AWS Cloud Formation templates to create custom sized VPC, Subnets, NAT to ensure successful deployment of Web applications and database templates and expertise in architecting secure VPC Solutions in AWS with the help of Network ACLs, Security groups, and public and private network configurations.
* Played a key role in automating the deployments on AWS using GitHub, and Jenkins.
* Created Snapshots and Amazon Machine Images (AMIs) for the instances based on the requirements for backup and clone instances.

SKILLS:

DevOps Tools : Jenkins, Artifactory, Docker, Ansible, maven SonarQube, terraform

Version Control : Git / GITHUB Ticket management tools : Jira, ServiceNow

Cloud Platforms : Amazon Web Services

Monitoring Tools : AWS Cloud watch, Prometheus and Grafana Operating Systems : Unix/Linux, Windows

Client tools : Putty, PuttyGen Scripting Language : Shell script

PROJECTS HANDLED:

Company : ICROZ SOLUTIONS PRIVATE LIMITED

Duration : Feb 2019 to till current Role : Cloud and DevOps Engineer Project Name : Gen-20X

Roles Played :

* Involved in designing and deploying a multitude of applications utilizing almost all the AWS stack including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, LAMBDA, REDSHIFT, focusing on high-availability, fault tolerance and auto-scaling in AWS cloud formation.
* Configured AWS Identity and Access Management (IAM) Groups and Users for improved login authentication. Provided policies to groups using policy generator and set different permissions based on the requirement along with providing Amazon Resource Name (ARN).
* Worked on AWS cloud Watch, Cloud Formation, Cloud Trail services and CloudFront to setup and manage cached content delivery. Created Elastic load balancers (ELB) and

used Route53 with failover and latency options for high availability and fault tolerance.

* Experience in implementing AWS lambda to run servers without managing them and to trigger run code by S3 and SNS.
* Implemented AWS Code Pipeline and Created Cloud formation JSON templates in Terraform for infrastructure as code.
* Automate provisioning and repetitive tasks using Terraform and Shell Script, Docker container, Service Orchestration.
* Extensively worked on Ansible deployments, written various Ansible playbooks with multiple roles, tasks with loops , templates , service management, host variables, group variables etc.
* Implemented and supported CI process via Jenkins.
* Implemented the setup for master slave architecture to improve the performance of Jenkins.
* Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Extensive experience in setting up the CI/CD pipelines using Jenkins, Maven, Nexus, GitHub, ANSIBLE, Terraform and AWS.
* Experience with installation and configuration of Docker environment including Docker registry hub for managing different Docker images and deployment of applications inside the software containers.
* Strong experience with Version Control Systems like GIT
* Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.

Company : Tera tech solutions

Duration : Dec 2016 – Dec 2018

Role : DesktopSupport Engineer

Roles Played :

* Responsible for ongoing maintenance and future planning of the company’s desktop

environment (desktop support, data network, servers)

* Working with existing vendors to evaluate the new technology available and to provide management recommendations on how to use this technology
* Consulting with IT support and design departments to ensure that network expansion projects are in line with the company’s plans
* Support, diagnose, and troubleshoots technical IT issues as they arise
* Performance monitoring of the company’s desktop infrastructure and making

suggestions to increase efficiency

* Assist to identify and resolve application and operating system issues that hinder user productivity
* Evaluate applications and software patches for desktop applications to see if they are used to solve desktop problems
* Install, setup, configure and test a variety of application programs on user workstations
* Maintain expert knowledge in desktop and laptop computing applications and use of connectivity infrastructure including the Internet
* Testing network connections

PERSONAL STRENGTHS:

* Creative problem-solving skills and Good communication Skill.
* Respond to technical queries / requests from team members and customers.
* Ambitious individual who can work under their own direction towards agreed targets/goals.
* Proven interpersonal skills while contributing to team effort by accomplishing related results as needed
* Maintain technical knowledge by attending educational workshops, reviewing publications EDUCATIONAL QUALIFICATIONS:
* B-Tech Mechanical (2014).
* 2010-2014:Vignan university.
* 2008-2010:Vignan college .
* 2008: Sai ram public School.

PERSONAL DETAILS

* Sex : Male
* Linguistic Ability : English, Telugu. Hindi
* Address : Andhra Pradesh
* Nationality : Indian