Ajay Naidu Jami

Sr. System Engineer

✔ Solutions Architect - Associate

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Summary

AWS certified Solutions Architect - Associate with 5 years of experience as DevOps Engineer in exposure to Software Configuration Management, Build and Release Management, Continuous Integration, Deployment including 10 months of experience as System Administrator.

Key Skills

AWS	GitHub/GitLab	Docker	Bash	Nexus
Azure/DevOps	Python (Boto3)	Datadog	Ansible	VMWare
Terraform	Windows/Linux	Jenkins	Tomcat	SonarQube
Kubernetes	JFrog Artifactory	ELK Stack	PowerShell	ServiceNow

Professional Experience

TechVedika Pvt. Ltd., Hyderabad from Aug 2019 to till date

Senior Systems Engineer / DevOps Engineer

- Reduced infra deployment time for critical agile project infrastructure using **Terraform.**
- Good understanding of Infrastructure as Code, **IaC** and integration.
- Built infra for large-scale web applications with high availability and response time.
- Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments. Migrated server hosted Jenkins to **Kubernetes**
- Implemented **ELK Stack** to a java appliance framework for real time log aggregation, analysis and querying (Elasticsearch, Logstash).
- Strong working knowledge on **AWS** cloud environment in network topologies, infra hardening using IAM and Security groups, EKS, EFS, RDS, KMS, SSM, Elastic Cache.
- Created a zero downtime infra by implementing **multi region** strategy and **load balancing**.
- Providing of infra solutions and guiding developers in choosing **AWS/Azure** services, Integration of services with application to monitor, log and analyse the application statics.
- Managed server and network monitoring solutions such as **CloudWatch** in AWS and enabled notifications using **SNS** to minimize downtime, Implemented **Grafana** in local environment.
- Developed **PowerShell** scripts for achieving automation and for various projects to sync real-time data from remote to application env with minimum latency.
- Migrated production running applications to **Kubernetes** infra in both Azure and AWS
- Have streamlined DevOps methodology in **Azure DevOps** for azure cloud-based projects
- Built daily backup solution for DBs' in **Azure Cosmos** to Azure Blob Containers
- Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices.
- Currently introducing more open source solutions to the organization.

DXC.Technology, Hyderabad from SEP 2015 to Aug 2019

Associate Professional System Administrator

- Building infrastructure in AWS environment with help of **Terraform** and **Packer.**
- Developed and maintained automated CI/CD pipelines for code deployment using **Jenkins.**
- Build jobs, Plugins installation and management, setting up Master/slaves in **Jenkins.**
- **AWS** service administration: IAM, VPC, Route53, EC2, CloudWatch, S3, Elasticsearch.
- Installed and configured centralised logging with **ELK** (Elasticsearch Logstash Kibana) to constantly analyse system and application logs and events.
- Managed **GitLab** repositories and permissions, including branching and tagging.
- Managed 30+ servers in a distributed and highly available critical infrastructure.
- **Ubuntu** and **Windows** system administration and performance tuning.
- Installation, Configuration and Management of web/application servers such as **Tomcat.**
- Experience in Domain creation and management of various public/private websites in **Route53.**
- Designed and implementing a **DR** and **HA** in AWS infra using autoscaling and backup policies.
- Had working experience with concepts such as setup, Inventory, Playbooks, Roles, Tasks and Modules in **Ansible**.
- Experience in working with Docker for creation of **Docker** Images and Containers.
- Building **Kubernetes** cluster set-up and deploying of **Kubernetes** setup on using kops.
- Tracking of all build related bugs using ticketing/bug tracking tool **ServiceNow**.
- Server administration and multi-platform support (OS X, Ubuntu, Windows).
- Provide direct server support during deployment and general production operations.
- Troubleshooting of deployment issues in the **Dev**., **QA** and **Pre-Prod** environments.
- Implemented cost savings techniques using **Terraform** and **Jenkins** to scaleup and destroy infra when required.
- Daily user support for enterprise systems, networking and workstations.
- As part of best practises, created and updated the documentation of newly setup software/infra steps.
- Automated deployment of web applications in servers using Jenkins plugins and wrote backup shell scripts for major application and configuration data.

Project Summary

Fleeting Pro
  Duration**:** Feb 2020 to Till date
  Team Size: 7
  Role Played: DevOps and Azure Cloud Engineer
  Skills Used: Azure, AzureDevOps, CosmosDB, ELK Cloud, Apache, Docker and Kubernetes

Arevea.com/.tv
  Duration**:** Dec 2019 to Till date
  Team Size: 20
  Role Played: DevOps and AWS Architect/Cloud Engineer
  Skills Used: AWS, DigitalOcean, Ubuntu, Apache, Jenkins, Domain management

Prospercare
    Duration**:** Mar 2020 to Till date
    Team Size: 7
    Role Played: DevOps and Azure Cloud Engineer
    Skills Used: Azure, CosmosDB, ELK Cloud, Ubuntu, Shell, Apache, Jenkins, Groovy

HBL TCAS
    Duration**:** Sep 2019 to Mar 2020
    Team Size: 6
    Role Played: DevOps Engineer and System Administrator
    Skills Used: ELK Stack, Windows Server 2012, Jenkins, PowerShell, IIS, Samba

Manulife
    Duration**:** Sep 2015 to Aug 2019
    Team Size: 9
    Role Played: System Administrator and AWS Architect
    Skills Used: AWS, Server Management, Apache, Ubuntu, Shell, Terraform and Kubernetes

Education

Electrical and Electronic Engineering (Degree) (2015 – 2019)
Lenora College of Engineering, Rampachodavaram

Electrical and Electronic Engineering (Diploma) (2012 – 2015)
Aditya Polytechnic College, Surampalem

Secondary School Certificate (SSC) (2012)
Nivedita Kishore Vihar E.M, Rajahmundry

Personal Profile

Date of Birth   :   21st Oct 1996
Marital Status   :   Unmarried
Current Location: Hyderabad, Telangana

Languages Known

English   Hindi   Telugu

Declaration

    I hereby solemnly affirm that all the information furnished by me is true to the best of my knowledge.

Date: Aug 27, 2020   **(Ajay Naidu Jami)**