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Seeking a motivating and challenging position as an **Aws/DevOps engineer** in a growing environment.

### PROFILE SUMMARY

Successful AWS/ DevOps Engineer having **8+ years** of professional Experience dedicated to automation and optimization. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the Cloud, as well as DevOps automation development for Linux systems. Seeking a position in **AWS/ DevOps** to contribute my technical knowledge

- Skilled with Cloud to design Infrastructure as a Service (IaaS) Amazon Web Services – **EC2, S3, VPC, ELB, RDS, AutoScaling, Route 53, CloudFront, VPC, Cloudwatch, IAM, SNS, SQS.**
- Utilized Cloud Watch to monitor resources such as **EC2**, CPU memory, Amazon RDS DB services, Dynamo tables, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Configure Elastic Cloud Computing (EC2) instances with **AMI** Linux and Windows OS.
- Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
- Creating AMIs, Snapshots, and Volumes and managing EBS Volumes.
- Creating Elastic IPs attaching and detaching to instances as per client request.
- Deploy **Jenkins** to completely provision and manage AWS **EC2** instances, volumes, **DNS**, and **S3**.
- Linux System Administration supporting RHEL and Oracle Linux. AMI builds, troubleshooting, shell scripting, backups and log file management
- Worked on AWS **Cloudwatch, Cloud Formation** and **Cloud Trail** services
- Worked closely with EC2 infrastructure teams to troubleshoot complex issues.
- Managed and supported AWS Security related issues, such **IAM** and **S3** policies for user access
- Support for all other AWS products such as S3, RDS, Elastic Load Balancing, Route53 (DNS)
- Created support case with AWS for any critical issues and follow-up.
- Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management
- Launching and configuring of **Amazon EC2(AWS)** Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications using **Jenkins**
- Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.
- Setup and launch Amazon Linux and RHEL and Windows EC2 instances, network interface with Elastic IP's.
- Skills in setting **GitLab** repository and **Runner** for build automation.
- Knowledge on configuring Junit coverage report and Integration test cases as a part of build in **GitLab Runner**.
- Knowledge on building workflows using **GitLab-CI**
- Worked with **Ansible** Hosted as well as On-Premise user-data, Installed Workstation, Bootstrapped Nodes, Wrote **Playbooks** and Managed On-site OS/Applications/Services/Packages and also AWS for **EC2/S3/Route53 & ELB**.
- Participated in building the **DevOps Platform** with high end scripting languages of Ansible.
- Providing architectural design of **DevOps** solution and code implementation and migration
- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery
- Excellent working knowledge on various virtual systems/ like **Docker**, Virtual box technologies
- Administering Jenkins and secured Jenkins with role based access controls and matrix based project access.
- Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- Created **Pipeline Jobs**(Upstream and downstream Jobs) and Pipeline Views in Jenkins.
- Created **Jenkinsfile** in Git repos to create **Multibranch Pipeline** Jobs in Jenkins.
- Knowledge on creating new Custom Variables to be used in Jenkinsfile to run on Jenkins Jobs.
- Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: **Git, SVN , Ant, CHEF, Ansible, Maven, Jenkins, Apache Tomcat, MySQL, Shell Scripting** etc.]
- Worked on web servers like Apache and application servers like Tomcat to deploy code.
- Excellent analytical, coordination, and communication skills

### TECHNICAL SKILLS

|                                       |                                    |
|---------------------------------------|------------------------------------|
| <b>Cloud Services:</b>                | Amazon Web Services, AWS-CLI       |
| <b>Web Server Administration:</b>     | Apache, Tomcat, Nginx              |
| <b>Server and Service Monitoring:</b> | CloudWatch                         |
| <b>Configuration Management:</b>      | Ansible                            |
| <b>Shell Scripting:</b>               | Shell, Python                      |
| <b>Continuous Integration:</b>        | Jenkins, Hudson                    |
| <b>Source Control:</b>                | GitLab, Bitbucket, Git, Subversion |
| <b>Build Tools:</b>                   | Ant, Maven                         |
| <b>Container Technology:</b>          | Docker, Kubernetes                 |

|                            |                            |
|----------------------------|----------------------------|
| <b>Monitoring Tools:</b>   | Nagios, Datadog, Dynatrace |
| <b>Project Management:</b> | Jira, Service-now          |

## PROFESSIONAL EXPERIENCE

**Infra. Technology Specialist (Senior Associate) at Cognizant Technology Solutions India Private Limited ("Cognizant") (Sep 2019 – Till date)**

### PROJECTS:

**Client:** WSI (Williams-Sonoma Inc.,)

**Role:** Team Lead

**Description:** Williams-Sonoma, Inc. is an American publicly traded consumer retail company that sells kitchen-wares and home furnishings. It is headquartered in San Francisco, California, United States. The company has 625 brick and Motor stores and distributes to more than 60 countries with brands including Pottery Barn, Pottery Barn Kids, PBteen, Williams Sonoma, Williams Sonoma Home, West Elm, Mark and Graham, and Rejuvenation. Williams-Sonoma, Inc. also operates through eight corresponding websites and a gift registry.

The company is one of the largest e-commerce retailers in the U.S., and one of the biggest multi-channel specialty retailers in the world. In 2019, Williams-Sonoma, Inc. was named as a Fortune 500 company for the first time in its history.

### Roles and Responsibilities:

- Manages Team of 6 and responsible for the work done by them.
- Adept in installation, Configuration, and Administration of CENTOS operating systems.
- Responsible for managing all the WSI non-prod Ecom websites (600+ servers)
- Automating build and deployment processes for all the non-prod and prod servers using Jenkins and Rundeck integration.
- Created Jenkins pipeline Jobs and Pipeline View's based on Continuous Integration.
- Created Jenkinsfile's in projects of Git repositories and created Multibranch Jobs in Jenkins to build Config Jobs.
- Responsible for maintaining Artifacts in the Artifactory.
- Responsible for managing Users in NPM repositories.
- Responsible for Ecom applications to be build and deployed on all the Non-Prod, UAT, Regression environments.
- Responsible for updating SSL, intermediate and root certificates on servers.
- Responsible for managing configurations in SVN and Application Code in Git.
- Responsible to clear all Application/server level blockers for 30+ teams working in the development of WSI.
- Responsible for monitoring Kubernetes non-prod clusters, application logs and server level logs and resolve Issues.

**Client:** AmeriHealth Caritas

**Role:** Senior Devops Engineer.

**Description:** AmeriHealth Caritas is a national leader in health care solutions for people who are at a low income level and/or are chronically ill.

### Roles and Responsibilities:

- Responsible for Setting up Ansible servers.
- Responsible for Creating Playbooks to migrate applications from one datacentre to other.
- Migrated AmeriHealth applications from old data centre to new data centre on Non-prod and Production Environments.

**AWS/DevOps Engineer at ValueLabs LLP, India (Aug 2017 – Till date)**

### PROJECTS:

**Client:** Nielsen – Census collections

**Role:** AWS Devops Engineer.

**Description:** The Nielsen Corporation is a global marketing research firm, with worldwide headquarters in New York City, United States. Regional headquarters for North America are located in Chicago. One of Nielsen's best-known creations is the Nielsen ratings, an Audience measurement system that measures television, radio, Social Networks and newspaper audiences in their respective media markets.

### Roles and Responsibilities:

- Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the application servers using the "code deploy" plugin for Jenkins. Continuous Delivery is being enabled through Deployment into several environments of Test, QA, UAT and Production using Jenkins.
- Automate the builds and deployment of projects using Jenkins.
- Implement, maintain and support reliable, timely and reproducible builds for project teams
- Hands on experience in automating builds and deployment process using Shell scripting.
- Expertise level knowledge of Amazon EC2, Amazon S3, Amazon RDS, Elastic Load Balancing and Cloud Watch.
- Involved in fixing the Bugs in the build script.
- Preparing the builds, scripts by using the maven/Ant build tool on the Red hat Linux platform.
- Scripting in multiple languages on UNIX - Shell script etc
- Responsible for writing Manifests to configure nodes.

- experience in setup Docker environment
- experience in run Docker container
- Manage configuration of Web App and Deploy to AWS cloud server through Chef.
- Monitoring applications and servers using Datadog
- **Setting up alerts on Datadog and creating Dashboards**
- Creating new Metrics in Datadog by configuring ddagent.

#### **AWS/DevOps Engineer at Orangeone information system private limited, India (Oct 2013– Aug 2017)**

##### **PROJECTS:**

**Client: Home Shopping Network (HSN).**

**Role: AWS Devops Engineer.**

**Description:** Home Shopping Network (HSN) is an American broadcast, basic cable and satellite television that is owned by HSN, Inc. (NASDAQ: HSN), which also owns catalog company Cornerstone Brands. Based in St. Petersburg, Florida, United States, the home shopping channel has former and current sister channels in several other countries. HSN also has an online outlet at HSN.com.

##### **Roles and Responsibilities:**

- Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like **EC2, Elastic Load-balancers, S3, Elastic Beanstalk, CloudFront, Elastic Filesystem, RDS, DynamoDB, DMS, VPC, Route53, Cloudwatch, Cloud Trail, CloudFormation, IAM, ElasticSearch**
- Launching Amazon EC2 Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- Configuring and Networking of Virtual Private Cloud (VPC).
- Develop **CloudFormation** scripts to automate EC2 instances.
- Created **CloudFormation** templates and deployed AWS resources using it.
- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Used AWS SDK to write scripts for EC2, load balancing, auto scaling services
- Implemented AWS **EC2, IAM, S3, EBS, Elastic Load balancer (ELB)**, Auto scaling groups' services.
- Created alarms and notifications for EC2 instances using **Cloud Watch**.
- Installed and configured Nagios monitor tool performance on all nodes
- Creating **CloudWatch** alerts for instances and using them in Auto-scaling launch configurations.
- Creating an AWS RDS MySQL DB cluster and connected to the database through an Amazon **RDS MySQL DB** Instance using the Amazon RDS Console. Create and Manipulate shell scripts on Production server for backup on AWS.
- Hands-on in writing the **Docker** files for building images.
- Containerizing applications with **Docker**
- Responsible for managing the **Docker** private registry.
- Participate in building the DevOps Platform with DevOps tools and high-end scripting languages like Chef.
- Developing build and deployment pipelines using **Jenkins, Maven, ANT** for Java applications
- Strong working knowledge on **GIT, SVN**.
- Configuration management software like **Chef**. Performed infra-automation tasks using **Chef**
- Bootstrapping instances using Chef and integrating with auto scaling.
- Manage the configurations of multiple servers using **Chef**.
- Written multiple recipes and also customized facts for efficient management of the Chef clients.
- Created scripts in Python to automate log rotation of multiple logs from web servers.
- Experience in build management and continuous integration tools. (Jenkins)
- Designed and built cloud service models including Infrastructure-as-a-Service(IaaS)
- Driving industry best practice implementation around CI/CD and infrastructure management.
- Administered version control system that included branching and merging
- Responsible for creating and developing the build process environment
- Maintained and upgraded Jira ticketing tool
- Set up and maintained Development, QA, Pre-Production, and Production environments

#### **EDUCATIONAL PROFILE**

Qualification

B.Tech (ECE)

2011

Place: Bangalore

(**Rama** Krishna Yalla)