

Name : SATYENDRA KUMAR V
Technology : DEVOPS Engineer

Contact: 91-6305218983

E-Mail: satya320bindu@gmail.com

Objective

Design and implement DevOps practices at a large scale using open-source tools to achieve faster application deployment cycles and to achieve high up-time of applications using a stabilized and self-healing infrastructure.

Profile Summary

- **Having 4.11 years of experience as a AWS DevOps Engineer Lead role.**
- Having total 11+ years of Experience on Mainframe application and expertise in full life cycle development, including analysis, design, development, testing, documentation, implementation and maintenance of application in Production environment.
- Having a good experience working in the Devops area working with various CI/CD implementations involving different phases from the code compilation to deployment environment management and maintenance.
- Solid experience with Linux (Ubuntu and RedHat) operating systems.
- Hands-on Experience on infrastructure as a code (IAC) Terraform with AWS.
- Automated infrastructure deployment by using Jenkins pipeline.
- Worked on CI/CD Jenkins for automating the entire application deployment life cycle process.
- Worked on Jenkins jobs for end-to-end application deployment.
- Good knowledge of creating users and restricting permissions the jobs and giving access to the respective jobs by customizing the permissions in Jenkins.
- Good experience of storing artifacts in AWS S3 buckets by enabling versioning and enabling S3 bucket cross region replication.
- Worked on Docker like managing containers and images and establishing the communications between the containers.
- Knowledge on working with docker Swarm and Stack.
- Good experience of configuration management tool like Ansible.
- Hands on knowledge on core concepts in Ansible such as setup, Ad-hoc commands, Playbooks and handlers.
- Worked on web server Apache2, Tomcat and databases like mysql.
- Good knowledge in installing and configuring K8S master and K8S nodes and established communications between them and deploying it on AWS cloud.
- Well aware of the advantages, architecture and complete workflow of Kubernetes.
- Hands on experience in working on AWS cloud services IAM, VPC, EC2, S3, Elastic Block Storage and Elastic load balancer.
- Having 10.8 years of experience in Mainframe applications such as Production Support and Batch operations and handled various abends in timely-manner. Have exposure on Scheduling and Monitoring, and CONTROL-M Tools etc.
- Having experience in various tools like, Change man, Endeavour, Abend-Aid, ROSCOE, ATTCCC, XPEDITOR etc.

WORKING EXPERIENCE

- Working with **Jarus Technology** as a Tech lead since Dec'23 to till date, HYD.
- Worked with **Net cracker Technology** as a Tech lead from Jun'12 to Sep'23, HYD.
- Worked with **Cibersites Pvt Ltd (Ford)** as a consultant from Sep'11 to Jun'12, CHN.
- Worked with **Mphasis Pvt Ltd** as a software engineer from May'10 to Sep'11, CHN.
- Worked with **Emerson Tech.** as a software engineer from Apr'09 to May'10, CHN.
- Worked with **UST Global** as a software engineer from Nov'08 to Apr'09, HYD.
- Worked with **I-Gtae** as a software engineer from Sep'07 to Apr'08, BNG.

EDUCATIONAL QUALIFICATIONS

- **Bachelor of Technology** from SSITS College, JNT University.

TECHNICAL PROFILE

Technologies	:	AWS DevOps and Mainframe Applications
Operating System	:	Linux, OS/390, MS-WINDOWS, MS-DOS
Version control system	:	GIT, GitHub
Integrations	:	Jenkins
Configuration management	:	Ansible
Containerization Tools	:	Docker, Kubernetes
Infrastructure as a code	:	Terraform
Application Server	:	Tomcat
Cloud Environment	:	AWS
Artifactory	:	S3/Jfrog
Ticketing tool	:	Share point
Other Utilities	:	TSO, ISPF, CA-7, SAR, ROSCOE, CCC, Abend-Aid
Other Tools	:	Change man, Endeavor, IWAAPDSCK

EXPERIENCE

RB – Ritchiebro's Iron Planet

Description: (Client – RB, USA- Pacific) Devops Engineer

This Project belongs to IP manufacturing industry in United States which needs day to day maintenance of its information systems. This Project involves 24hr support activities, Problem Determining, analysis, and providing permanent solutions for the same. Ultimate goal is to maintain a healthy information system for the various clients in US.

HROGC is an application which maintains all kind of data feed transactions from one application to another application through Upstream and Down streams

Roles and Responsibilities:

- Monitoring of all the services running on the servers.
- Integrated many tools with Jenkins like Git, Bit Bucket, Gradle, S3, Terraform and Tomcat.

- Worked on Jenkins by installing, configuring and maintaining continuous integration (CI) and end-to-end automation for all build and deployments.
- Configured many scheduled projects so that they can run frequently without manual intervention.
- In case of any new project setup, creation of new job sin Jenkins for some basic tasks.
- Created multiple AWS EC2 instances and subnets with security groups using IAC tool and deployed and implemented on AWS cloud.
- Configuring pre and post build actions in Jenkins as per project requirements.
- Deploying artifacts like JAR and WAR into application servers Apache Tomcat and storing it on Arti factories.
- Used Ansible Vault to secure information like passwords and secret key files.
- Making configuration changes on Servers using Ansible.
- Writing Playbooks for automating the daily tasks with Ansible roles.
- Taking backup of instances and production databases and providing them to developers on staging or testing environments for testing of any issues.
- Created alarms on AWS cloud watch and made SNS notifications to trigger in case of failover or exceeding the capabilities.
- Had exposure on AWS cost optimization by analysing the available resources and reducing the cost effectively.

Creating servers AMIs and storage blocks in S3 taking snapshots, VPCs, subnets, load balancing and Auto-scaling in AWS.

2) CBT – Cincinnati Bell Telecom

Description: (Client – CBT, USA) Devops Engineer

This telecom-based project is in United States that needs day-to-day maintenance of its information systems. This Project involves 24hr support activities, Problem Determining, analysis, coding, Testing of FRD's, and providing permanent solutions for the same. Ultimate goal is to maintain a healthy information system for the various clients in US.

CPS (Competitive Pricing Systems) application maintains competitor information by store to validate and modify existing retails and promotions for the GAIN – C. Data is received from an outside vendor and is input by the stores for processing and validation. Detailed data is sent to MIC Pricing, DEMANDTEC Pricing and the RCP store maintenance systems.

Roles and Responsibilities:

- As a lead, distributing the work load to the team members.
- Created Infra by using Terraform with Jenkins pipeline and deployed it on AWS.
- Installed software's by using Ansible Playbooks.
- In case of any new project setup, creation of new job sin Jenkins for some basic tasks.
- Configuring pre and post build actions in Jenkins as per project requirements.

- Deploying artifacts like JAR and WAR into application servers Apache Tomcat and storing it on Arti factories.
- Used Ansible Vault to secure information like passwords and secret key files.
- Created security groups and subnets as per the requirements on AWS cloud.
- Making configuration changes on Servers using Ansible.
- Writing Playbooks for automating the daily tasks with Ansible roles.
- Deploying end product in Tomcat web-server and other application servers before production.
- Taking backups of code and databases before new deployments and stored on AWS S3.
- Checking and automating if the servers are running out of disk.
- Monitoring of all the services running on the servers using AWS Cloud watch and DD
- Integrated many tools with Jenkins like Git, Maven, S3, Terraform and Tomcat.
- Worked on Jenkins by installing, configuring and maintaining continuous integration (CI) and end-to-end automation for all build and deployments.
- Configured many scheduled projects so that they can run frequently without manual intervention.
- Had exposure on assigning IAM roles on AWS and maintained secure level of application
- Taking backup of instances and production databases and providing them to developers on staging or testing environments for testing of any issues.

3) AT&T Exec-Bill Management System

Description: (Client – AT&T, USA) Production Support Role/ Batch Scheduling

AT&T (American Telephone and Telegraph Company) founded in 1983, is leading provider of both local and long telephone distance telephone services, wireless services. AT&T deals with telecommunications only. It provides service to both wireless and wire line customers.

AT&T is a telecom domain which maintains all kind of data feed transactions from one application to another application through upstream and down streams. It has two main modules comprising of EB and SDS. Offshore team handling all the two modules. EB and SDS consist of USO, MPS, RBE, Billing, CCAS and CASH sub-systems.

Roles and Responsibilities:

- Schedule and run batch jobs as per the change request.
- Defining predecessors and successors for jobs and applications.
- Fixing production abends and carry out restart of jobs with or without any JCL changes as per incident request.
- Defining conditional dependencies.
- Defining variable tables.

- Defining time triggers and event triggers for batch jobs.
- Perform production approved changes & Work requests.
- Meeting SLA as defined in SLA metrics & contract.
- Responsible for entire production support and batch controlling.
- Creating applications and defining jobs.
- This project is mainly deals with scheduling of new jobs on request of all the Lpar.

Environment : OS/390, COBOL, IMS DB, JCL, DB2

Tools : ATTCCC, Remedy, CA-7, ROSCOE, CCC

Updating Periods and Calendars in OPC.

- Updating Calendars and resolving them in CA7 tool.
- Updating Calendars in CTRL-M open systems.
- Updating Data objects in AS/400.
- Updating Periods and Calendars in OPC.

Declaration:

I hereby declare that the information furnished above is true up to my knowledge and I bear the responsibility for the correctness of the above mention particulars.

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