

# RESUME

**GOPI {AWS,Azure & Devops, Linux}**

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## **Responsibilities :**

- 4+ years of IT Industry Experience with Devops, AWS and Devops,Configuration Management, Build, Deploy, Release Management
- Responsible for installing, configuring, and maintaining package management on CentOS 5.x/6.x/7, Ubuntu 12.x/14.x, RHEL 5.x/6.x/7, Windows Server 2019 and Amazon Machine Images & windows servers.
- Experience in virtualization,containerization such as Vagrant, Docker, ECS and EKS
- Experience In AWS services VPC,EC2,RDS,Route53,Elasticache,Redshift, DynamoDB,Lambda cloudwatch,SNS,SQS,SES,Cloudformation,Ecs,Eks,Elastic beanstalk,Elastic search.
- Experience in other Aws services,Direct connect,Cloudfront Global accelerator,Systems manager,kinesis, s3,snowball,snowmobile,Glacier,EBS,EFS,Storage Gateway,Fsx,AWS Backup
- Experience in Security Aws iam,cloudTrail,config,inspector Guard duty,waf,Shield,trust Advisor,ACM
- Experience in long running applications, load balancing,Autoscaling, Elastic container service (ECS).
- Experienced in Cloud automation using AWS Cloud Formation templates, Terraform.
- Experienced in Azure services Vnet,Virtual machines,Storage accounts,CDN,Active Directory,Load Balancers and Application Gateway, scaleset and azure DNS,Azure files,SQL Database,Cosmos DB
- Experienced in Azure managed Disks,Snapshots,Key vault,Traffic Manager,Azure bastion
- Experience in backup services like snapshots, S3 backups and Amazon Glacier.
- Experience in Version control Softwares like Git, Bitbucket Source code management and Jira
- Experienced in Continuous Integration using Jenkins Server for end to end automation builds and deployments.
- Experience in installing LAMP stack and java and Php, Node Js and Python Projects in Linux Environment
- Experienced in build tools such as Maven and ci-cd Jenkins.
- Expertise in creating and enhancing UNIX shell scripts using Shell, Bash
- Automation of various infrastructure components for IAAs and PAAS model using various application services using ansible.
- Experience in ansible configuration management, ansible setup,Inventory,master and slave architecture
- Experience in ansible running adhoc commands and Playbooks over remote linux servers
- Good Understanding Ansible roles,vaults,ansible variables,conditionals, and loops
- Experience in Yaml, ansible modules like copy,Shell,Ping,Service,Debug,YUM,setup

- Knowledge in ansible Tower,ansible galaxy,Dynamic Inventories,Plugins
- Experience in Installation puppet,master slave architecture Puppet Manifest Files
- Worked on Ansible and Puppet to manage machines over SSH
- Experience of Migration & Deployment of Applications with Upgrade Version of Applications.
- Coordinating and tracking all projects for seamless releases using Project Management System JIRA, Source Code Management System SVN and Document Management System SharePoint.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum, and Waterfall methodologies.
- Experience working on Docker,Installation,Building custom images,Docker File.
- Worked with containers, Images and Different volumes and Networking in Docker
- Pushed Docker Golden images to Docker Hub Repository and ECR as well
- Worked on Docker applications node js and php,java,containers Backup and restore.
- Experience in Docker compose for project setup, Docker swarm as well
- Experience in production Docker Ecs fargate and Ec2 Deployment Model
- Strong experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
- Written Shell scripts to automate the deployments to Linux Servers.
- Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing and Implementing and Post-production analysis of the projects

## **TECHNICAL SKILLS:**

**Source/Version Control Tools:** GitHub,,Bit Bucket

**Programming Languages:** Shell Scripting, Python.Yaml,Json

**CI Tools:** Jenkins

**Build Tools:**Maven,Gradle

**Repository Managers:** Nexus

**Configuration Management Tools:**Puppet,Ansible

**APM:** NewRelic

**Monitoring Tool:** Cloud watch, Splunk, Grafana,Site 24/7,Nagios,Zabbix

**Code Quality Tools:** SonarQube

**Web servers:** Apache,Nginx

**Application Server:** Apache Tomcat,Glassfish

**Bug/Case Tracking Tool:** JIRA

**Virtualization/containerization:**Vagrant,Docker,Kubernetes

**Database:** Mysql,Aurora,Postgresql,DynamoDB

**Operating Systems:** Windows,Ubuntu,Centos,Amazon Linux, Redhat

**Cloud Technologies:** AWS,Azure,Gcp

## **EXPERIENCE:**

**Company Name** : Capgemini Technologies

**Designation** : Devops Engineer

**Duration** : June-2017 to till today

### **PROFESSIONAL EXPERIENCE:**

#### **AWS Cloud Administrator**

##### Responsibilities:

- Involved in designing and deploying applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, DynamoDB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling.
- Migrated the current Linux environment to AWS/RHEL Linux environment to Aws cloud and used auto scaling features for Production Env.
- Install and configure ansible server / workstation and nodes to AWS nodes.
- Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.
- Created AWS Route53 to route traffic between different regions.
- Used ansible for configuration management.
- Used AWS Cloudfront to cache content static files across all zones Asia/All contents
- 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.
- Build out server automation with Puppet and use other tools like Jenkins/Maven for deployment and build management systems.
- Experience in installing Docker like container instances using Amazon ECS to deploy multiple Tomcat Application servers.
- Installed Patches/Packages on Linux Servers and RPM/Yum packages on Linux Servers.
- Performed daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Worked on monitoring tools to configure Nagios,Grafana,Cloudwatch.
- Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and ansible.

- Experienced with CI (Continuous Integration) and CD (Continuous Deployment) methods with Jenkins build tools.
- Installed and configured Jenkins tools on Linux and windows platforms, manage slaves and installing Jenkins plugins
- Streamlined Build process for Fortify scan of code from Manual to Automated mode by setting up Jenkins Automation environment, thus reducing manual error prone, build time, no logging to machine is required.
- Configuration Management and source code repository management using tools like GITBUCKET, ansible
- Worked on Apache, Ant and Maven.

## **Devops Engineer**

### Responsibilities:

- Maintained and Administered GIT Source Code Tool.
- Created Branches, Push, Pull and clone and Delete files, Merges, In GIT.
- Developed Processes, Tools, Automation for Jenkins based Software for Build system and delivering Builds .
- Installed the application on AWS EC2 AMI, Red hat, Ubuntu Instances.
- Providing the application support 24X7 for both QA and PROD environments.
- Configured the storage on S3 Buckets.
- Experience working with IAM in order to create new accounts, roles, and groups.
- Developed build and Deployment using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
- Experience in installing Docker like container instances using Amazon ECS to deploy multiple Tomcat Application servers.
- Experience with troubleshooting build issues to support Dev in Node js and Java and php applications.
- Integrated GIT into Jenkins to automate the code check-out process.
- Used Jenkins for Automating Builds and Automating Deployments.
- Involved in Setting up Continuous Integration Environment using Jenkins.
- Responsible for automated Scheduled Builds and Release using Maven Enterprise application Java and Worked on Python, Node js & Php Technology Stack.
- Implemented new build automation solutions for new products and provide ongoing support and administration for software build and build automation using ANT, Maven, Jenkins and shell scripting.
- Worked on critical, highly complex customer problems that may span multiple AWS services.
- Create automated build procedures to ensure code is always ready for deployment.
- Experienced with JIRA for defect tracking.
- Coordinated all the IT projects successfully by resolving release interdependencies and planning release.
- Developed Linux Scripts for the purpose of manual deployment of the code to the different environments and E-mail the team when the build is completed.

- Shell scripting for building and deploying Php,Node js ,java application to target environments.
- Coordinated with different teams before and after the production deployments.
- Worked on Managing the Cloud Environment using ansible
- Managed and optimized the Continuous Delivery tools like Jenkins.
- Developed Shell scripts to automate build processes.
- Development team used a Git branching strategy that included developing branches, feature branches, staging branches and master. Pull requests and code reviews were performed.
- Automated the local dev environment using Vagrant/Docker
- Support a 24/7 production environment and perform the day-to-day management, maintenance, optimization, backup, and ongoing reporting requirements