Resume

Koushik
Devops Engineer
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Responsibilities :

- 4+ years of IT Industry Experience with Devops,Aws, and Linux,Configuration Management, Build, Deploy, Release Management
- Responsible for installing, configuring, and maintaining package management on CentOS Ubuntu RHEL , and Amazon Machine Images
- Experience in virtualization,containerization such as , Docker, docker swarm
- Experience In AWS services VPC,Ec2,RDS,Route53,IAM,,Lambda cloudwatch,SNS,SQS,SES,Cloudformation,cloud trial and EBS
- Experience in other Aws services,Cloudfront ,Systems manager,SSM,cloud trial and athena ,AWS cloudwatch
- Experience in Security Aws Iam,cloudTrial,config,inspector Guard duty,waf,Shield
- Experience in long running applications Elastic container service (ECS).
- Experienced in Cloud automation using AWS Cloud Formation templates, Terraform.
- 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,Projects in Linux Environment
- Experienced in building 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 ad hoc 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 galaxy,Dynamic Inventories,Plugins
- Experience in Installation ansible,master slave architecture
- Worked on Ansible 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,

Programming Languages: Shell Scripting,

CI Tools: Jenkins

Build Tools:Maven,

Repository Managers: Nexus

Configuration Management Tools: Ansible

Monitoring Tool: Cloud watch,

Code Quality Tools: SonarQube

Web servers: Apache,Nginx

Application Server: Apache Tomcat

Virtualization/containerization:,Docker,,Dockerswarm,Kubernetes

Database: Mysql,

Operating Systems: Ubuntu,Centos,Amazon Linux, Redhat

Cloud Technologies: AWS & Azure

PROFESSIONAL EXPERIENCE:

Century link - Bangalore   **april2019-present**

AWS Cloud Administrator

Responsibilities:

- Involved in 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.
- 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 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.
- 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 in Aws Cloudwatch.
- Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers
- Maintained EC2 services like launching instances, attaching/increasing volumes, configuring security groups, monitoring EC2 instance metrics like CPU Utilization.
- Experienced with VPC peering and VPN with multiple AWS accounts and other regions
- Created users in linux and Address ssh logins for different users in My Team
- Experienced with back up's AMI and snapshots For Resources in AWS Ec2 and Rds, etc
- Created a static website in s3 and hosted applications
- Configured cloudfront for cache system across all Asia Usa and other countries
- Implemented Route 53 for Dns management AWS and created Different Records for mapping Resources like Loadbalancer
- Created s3 buckets for Dev users to store objects
- Created vpc,subnets,RT, for different Environments Dev,Prod etc
- Configured Cloud Trails to track access logs for audit purposes.
- Managed Users and Group ,Roles and their permissions in AWS using IAM.
- Implemented on making applications more scalable and highly available in AWS using ELB and Auto Scaling.

- Experienced on linux commands and windows and Shell scripting
- Experienced in installing the packages in different Linux systems Ubuntu,Redhat.
- Experienced in copying the files to remote Server Scp & rsync and Efs as well.
- Installing and Updating software Packages with yum, working with RPM packages files, Creating and Editing Text Files with vim and nano and Directories and files.

Wellsfargo - hyderabad   october 2017-april2019

Devops Engineer

Responsibilities:

- Maintained and Administered GIT Source Code Tool.
- Created Branches, Push,Pull and clone and Delete files, Merges,In Rebase GIT.
- Developed Processes, Tools, Automation for Jenkins based Software for Build system and delivering Builds .and jenkins security as well
- Experienced with jenkins Ci-Cd and jenkins file and job Dsl and scripting
- Deployed java applications using maven as a Build tool,worked with tomcat Application server and users in tomcat
- Created jenkins master slave architecture for different linux systems
- Experienced in jenkins administration user and roles and plugins Management
- Installed the application on AWS EC2 AMI, Red hat, Ubuntu Instances.
- Providing the application support 24X7 for both QA and PROD environments.
- Experience in installing Docker and created containers,Images and volumes and networks and deployed applications through docker compose
- Managed docker containers from docker-compose
- Created docker file and build images and uploaded to dockerhub
- Experienced docker containers backup and deployed applications in Docker Swarm
- Experienced in docker swarm and adding nodes to swarm and docker
- Experienced in Docker service management and secrets and stack deployment
- Experience with ansible as a configuration management tool and master and node setup for linux systems
- Experienced with ansible ad hoc commands , playbooks and ansible vault and ansible roles, ansible galaxy, modules yum , apt, copy Ping,service,,,etc
- 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
- Implemented new build automation solutions for new products and provide ongoing support and administration for software build and build automation using 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 java applications 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.
- 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 Docker
- Support a 24/7 production environment and perform the day-to-day management, maintenance, optimization, backup, and ongoing reporting requirement

EDUCATION

Bachelors in Electronic and communication Engineering 2013 JNTU HYD
Master in applied engineering and technology management   2016 murray, kentucky