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## Career objective:

3+ years of experience in Cloud Infrastructure , Build/Release Management in planning, designing, consulting, Implementation & technical skills in areas of AWS Cloud, Windows and Linux Environments.

## Profile Summary:

* Around 3+ years of experience in LINUX and AWS infrastructure design and implementation
* Hands on experience with SCM tools like Git for branching, tagging and version management.
* Worked for Agile Projects.
* Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins.
* Experience with Configuration Management, Build and Deploy on Amazon Web Services.
* In-depth experience with Amazon AWS Cloud Services, (EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, Cloud Formation, Route53) and managing security groups on AWS.
* Sound knowledge on SCM concepts, Build tools and deployment tool
* Installed Red hat enterprise Linux 5 & 6 using kick start configuration.
* Veritas Cluster server, VXVM installation and Management on Linux OS.
* Managing and troubleshooting of NFS shares.
* Working on veritas VXFS and linux LVM filesystems.
* Applying OS patches to the linux servers.
* Worked on Cluster issues like fail over and fail back of service groups, creation of service group and add correspondance resources into the group, setting proper dependency, freezing of service groups during actiivty. Creating veritas volumes and filesystems and extend of vxfs filesystem.
* Experience on Build and Deployment process for Apache Tomcat Application Server projects and Web Logic application server projects.
* Build Management – Experience in tools such as Jenkins for build management.
* Knowledge of CI (Continuous Integration) and CD (Continuous Delivery) methodologies with Jenkins.
* Extensive working knowledge on design and implementation of VPN .
* Extensive working knowledge on IAM for Identity on Access Management for AWS using Multifactor authentication.
* Hands on experience on creation of Roles, Policies and users in IAM.
* Working knowledge on Creation of custom AMI’s.
* Working experience in taking snapshots of the EBS Volumes.
* Hands on experience in provisioning the Databases using RDS.
* Configuring and maintaining Puppet master server, creating modules and pushing them to puppet clients around hundreds of servers.
* Supporting scheduled builds using scripts and tools
* Working knowledge of Setting up CDN using Cloud Front and S3.
* Hands on knowledge Backups and Migration using Glacier, S3.
* Hands on experience in setting up AutoScaling Groups for EC2.
* Hands on experience in Configuration of ELB (Elastic
* Hands on experience in configuration of SNS topics for alerts received from Cloud Watch.
* Hands on experience in Setting up Billing Alerts and working knowledge on Billing and Cost Optimizations.
* Working knowledge on Setting up monitoring using Cloud Watch Alarms.
* Experience in writing Shell Scripting.
* Hands on experience in Application Support on DEV,QA, PERFORMANCE and UAT environments.
* Provide L1/L2 Support for Unix Shell Script based and Web-based applications.
* Good knowledge in agile project management methodology. Able to manage project teams and known for high-quality deliverables that meet or exceed timeline and budgetary targets.
* Hands on experience in Creating of public & private subnets using VPC.
* Good Experience with application and infrastructure management and monitoring tools.

## Educational Qualification:

* Btech in computer Science in JNTU Kakinada.

**Technical Skills:**

Cloud Services: Amazon Web Services , Elastic Compute Cloud(EC2), Simple Storage Services (S3), Auto-Scaling in launching EC2 instances, Elastic Load Balancer, Elastic Beanstalk, Glacier, Cloud Front, RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Formation, IAM, SNS, Users, Elastic IP's

Operating System : Windows, UNIX, Linux

Build Tools : Maven

SCM Tools : GIT

CI Tools : Jenkins

Database : Mysql

Web Development Tools : Cloud Formation

**Professional Experience:**

Working as a System Engineer in UBN QTECH Solutions Pvt ltd from June 2014 to till date

Work Experience:

**Project 2:**

**Client : Infosys**

**Mortgage Home Loan services (March 2016 to till date)**

Mortgage loans process management System provides information of account summary/status of mortgage and home loans of the customer. The customer can interact with this system and the customer can check the loan initiative and also he can pay his mortgage online. The customer can do the bill payments for the loan submit the documents through online, check the loan processing status online. The customers make payments, and submit necessary documents online for loan initiative through different portals. The customer gets the loan status, processing status by online. The customer can apply for instant loans, depending on the credit limits

**Responsibilities:**

* Automate Deployment using configuration Management tool like puppet to provision amazon AWSInstances to enable continuous Deployments.
* Highly motivated and committed DevOps and AWS Engineer experienced in Automating, Configuring and deploying instances on AWS and cloud environments and Data centers, also familiar with EC2, Cloud watch, Elastic IP's and managing security groups on AWS. Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment
* Proactively seeks opportunities to implement improvements to internal development processes
* Implemented continuous integration using Jenkins.
* Attended sprint planning sessions and daily sprint stand-up meetings.
* Created jobs for tagging and branching.
* Configuring, managing systems automation, systems tool development and operational zing the infrastructure.
* For on boarding existing application, performing Knowledge transition from Development team to SCM team on build and deployment process.
* For New applications, work with development team to get the requirements of application build and deployment process.
* Involved in maintaining the user accounts (IAM), RDS, Route 53, VPC, RDS SES, SQS and SNS services in AWS cloud.
* Worked on Autoscaling, Cloudwatch(monitoring), AWS Elastic Beanstalk ,Amazon S3(storage) and Amazon EBS(persistent disk storage).
* Performed Integrated delivery (CI and CD process) Using Jenkins, Yum
* Responsible for proper functioning DEV/TEST/STG/PROD environments for these application
* Creating new jobs in Jenkins and managing the build related issues.
* Coordinating with the Development team to fix the Build related issues.
* Creating continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and AWS code deployment for various deployment scenarios like Tomcat deployment, Multiple applications deployment.
* Worked on Cloud automation using AWS Cloud Formation templates.
* Worked 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.

**Project 1 : (June 2014 to Feb 2016 )**

**Client : Citibank**

**Banking Software Package System (BSPS)(June 2014 to Feb 2016 )**

This service System provides information of account summary of both debit and Credit cards of the customer. The customer can interact with this system and the customer can do transactions by online. The customer can do the bill payments, credit card payment, transfer funds, order for demand drafts and other payments like (broker payments gift Voucher) also. The customers make insurance, investment and other services like (cheque book request, stop payment request, deposit forms etc…) in bank by online only. The customer gets the transaction statements by online. The customer can apply for instant loans, depending on the credit limits. Online share trading facility available

* Evaluating performance of EC2 instances their CPU, Memory Usage, Network Usages and suggest appropriate instance type for the same
* Operating system patching on VCS two node cluster.
* Worked on remedy tickets and change requests.
* Provided root cause of issues by checking system logs, veritas logs and worked with Redhat and HP to fix the issue.
* Administered Subversion (SVN) repositories source tree and user account administration, branching, merging, patch fixes, snapshots, and training users on the systems.
* Managed daily builds and releases to all the environments.
* Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Implemented continuous integration using Jenkins
* Configuring and maintaining Puppet master server, creating modules and pushing them to puppet clients around hundreds of servers.
* Configuring, managing systems automation, systems tool development and operational zing the infrastructure.
* Proficiency in authoring and managing management frameworks such as Puppet.
* Working on AWS Elastic load balancing for deploying applications in high availability.
* Working on AWS Auto Scaling for providing high availability of applications and EC2 instances based on the load of applications by using Cloud Watch in AWS.
* Using AWS S3 to store code bundles to deploy onto EC2 Instances.
* Working on providing DNS management using AWS Route 53.
* Managing the infrastructure of applications on AWS.
* EBS Volumes management and working on creating snapshots for backups manually and using script.

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