**Ranjith E**

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**Professional Summary**

* 3.5 years of expertise in Implementing Organization Strategy in the environments of Linux and Windows.
* Adaptive to Cloud Strategies based on AWS (Amazon Web Services).
* Technical knowledge on EC2, IAM, S3, VPC.
* Excellent exposure on Provisioning Systems, Automated Build Platforms.
* Practical usage of Amazon Glacier for archiving data.
* Monitoring resources, such as Amazon DB Services, CPU Memory, EBS volumes.
* Monitor logs for better understanding the functioning of the system.
* Acquired practical exposure with Continuous Integration/Continuous Delivery on Jenkins to merge development with testing through pipelines.
* Involved in the functional usage and gained working knowledge of web servers like Tomcat, HTTP, JBOSS, and Nginx.
* Experienced in writing complex SQL queries and scheduled tasks using crone jobs.
* Experienced in version control and source code management tools like GIT, SVN.
* Worked on operating systems like Linux, RHEL, Ubuntu, and Windows.
* **Technical Skills:**
* Automated Build Tools
* Cloud Technologies
* CI/CD Tools
* Configuration Management
* Middleware File Systems
* Version Control Systems

**Academic Profile:**

Master of Computer Applications

**Professional Experience:**

AWS Cloud Engineer,

Apr 2014 – May 2017,

HTC global services

**Roles and Responsibilities:**

* Work Experience as a member of AWS Build Team.
* Setup and managed EBS Volumes and EIP to EC2 Instances.
* Designed AMI images of EC2 Instances by employing AWS CLI and GUI.
* Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group Policy Restrictions, etc.
* Infrastructure Development on AWS by employing services such as EC2, RDS, Cloud Front, Cloud Watch, VPC, etc.
* Worked with Management frameworks and Cloud Administration tools.

**Environment: – AWS** Services: IAM, EBS, EC2, VPC.

In this project my roles was to deploy a multi-tier web application on to AWS cloud for which I need to automate the required configurations using Docker and Ansible.

* Responsible for architecting, designing, implementing and supporting of cloud based infrastructure and its solutions
* Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups (ASG), EBS, IAM, Route 53, and Cloud Watch.
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
* Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
* Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
* Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
* Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
* Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Implemented Continuous Integration using Jenkins and GIT from scratch.
* Responsible for performing tasks like Branching, Tagging, and Release Activities on Version Control Tools like SVN, GIT.

Environment: AWS (EC2, VPC, ELB, S3, EBS, RDS, Route53, ELB, Cloud Watch, , AWS Auto Scaling, , Elastic), GIT, Unix/Linux, Jenkins, Apache, Nginx, Tomcat, JBoss.

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