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PROFESSIONAL SUMMARY

- Around 3+ years of experience in IT Professional Having specialization in **Cloud/Devops Engineer**, experienced in DevOps, Build/Release Continuous Integration, Continuous Deployment, and Configuration Management on each packaging Quality Control and which also includes Trouble shooting and performance issues on Linux and Windows platforms.
- Involved in designing and deploying a large application utilizing almost all the AWS stack focusing on high-availability, fault tolerance, and auto-scaling in Aws cloud.
- Cost optimization for Aws services and build Server less Architecture by using Lambda functions, STEP Function, S3, Cloud Watch and Cloud Metrics.
- Experienced in Provisioning of IAAS & PAAS concepts of cloud computing and Implementing using, **Aws, Azure**, understanding the principles of **(SCM)** in **Agile, Scrum** and **Waterfall methodologies**.
- Manage the Windows **Azure** infrastructure for our customers depends on their requirement. Worked on Microsoft **Azure Storage** - Storage accounts, blob storage, managed and unmanaged storages. Responsible of web application deployments over cloud services (web and worker roles) on **Azure**, using VS and **PowerShell**.
- Developed Agile processes using Groovy, JUnit to use continuous integration tools Worked for designing and creating a Micro services delivery platform Initiative.
- Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure Automation tools like **Git, Maven, Jenkins, Docker, Kubernetes, Chef, Ansible, Terraform, and ELK**.
- Experience in working with Terraform for automating VPC's, ELB's, Security groups, SQS queues, S3 buckets and continuing to replace the infrastructure as a code from scratch.
- Setup automated build, test and release platform using Jenkins's pipeline as a code, SonarQube and JFrog Art factory to be triggered on every code commit.
- Developed in AWS CLI script automation for AWS services and build Server less Arch using **Lambda** (Boto3) and Step Functions.
- Knowledge in load balancing and setting up load balancer and firewall rules in enterprise environment Build scripts on Aws cloud for scheduling EC2 auto scaling load balancer with PYTHON SDK.
- Implementing **CI** (Continuous Integration) Configuring **Jenkins** servers creating required scripts (**Bash shell, Perl & Python**), and creating/configuring VMs (Windows/Linux) also Created Infrastructure report of system configurations using Power Shell Scripts.
- DevOps practice for **Micro Service** and docker based cluster using **Kubernetes** and spinnaker as Orchestrator on application development for cloud platforms using like spring boot, **Micro services**.
- Experience using **MAVEN** and **ANT** build tools for building of deployable artifacts (jar, war & ear) from source code. Automated weekly releases with **ANT/MAVEN** scripting for Compiling java code dubbing.
- Building/Maintaining Docker container clusters managed by **Aws**, Linux, Bash, GIT, Docker. Utilized Kubernetes kops cluster and Docker for the runtime environment of the **CI/CD** system to build, test deploy.
- Written cookbooks for Web Logic, JDK 1.7, and Jenkins, tomcat, JBoss and deployment automation for creating **Cookbooks** comprising all resources, data bags, templates, attributes and used **knife** commands to manage Nodes onto **Chef Server**.

- Automated various infrastructure activities like **Continuous Deployment**, Application Server setup, Stack Monitoring using **Ansible Playbooks** and integrated **Ansible** with Jenkins also provisioned and patched servers using **Ansible**.
- Used monitoring tool like **Splunk, Nagios**, Configured, and Managed Monitoring Tools such as **Nagios** for Resources Monitoring/Network Monitoring/Log Trace Monitoring.

TECHNICAL SKILLS:

Cloud Environments	AWS, Azure.
Operating Systems	Red Hat Linux, Cent OS 6 & 7, Ubuntu12.x, 13.x, 14.x, Windows 98, Vista, Windows Server 2003, 2008, 2012, VMware ESX and Mac OS.
Web/ Application Servers	Apache Tomcat, JBoss 5.x/6.x/7.x, Web Sphere Administration, IIS and Nginix.
Databases	MySQL, MariaDB, RDS.
Version Control Tools	Subversion, GIT, GIT HUB.
Configuration Management	Ansible, Chef.
CI/CD Tools	Jenkins, Maven, SonarQube.
Container Tools	Kubernetes, Docker.
Monitoring Tools	Splunk, AWS cloud watch, ELK.
Scripting Languages	Python, groovy, Perl, Power shell, Shell scripting.
Bug Tracking & Testing tools	JIRA.

Work Experience:

- Currently working as a Devops Engineer in xxxxxxxx from Aug xxxx to till date.

PROFESSIONAL EXPERIENCE:

Project #2:

Title	DSL Banking
Skills Used	Git, Jenkins, AWS, Docker, Kubernetes
Duration	Feb xxxx to till date
Role	DevOps Engineer

Responsibilities:

- Developed Cloud Infrastructure management and Implementation Working experience on Aws and Azure services.
- Building and Installing servers through Azure Resource Manager Templates or Azure Portal. Migrating an On-premises virtual machine to Azure Resource Manager Subscription with Azure Site Recovery.
- setup and provisioned AWS **Auto-Scaling** in launching **EC2** instances, **IAM**, **ElasticLoadBalancer**, **S3**, **Glacier**, **CloudFront**, **RDS**, **VPC**, **Route53**, **CloudWatch**, **SNS**, **EBS** infrastructure as code using **Terraform**.

- Defining and configuring **CloudWatch alarms** and triggers to implement auto scaling policies. Used **AWS CLI** for **EC2** creations and **S3** uploads and authenticated downloads.
- Experienced in Provisioning of **IAAS&PAAS** Virtual Machines and Web\Worker roles on Microsoft AZURE Resource Manager. Manage the Windows Azure infrastructure for our customers depends on their requirement.
- Created PowerShell scripts for IIS website creation into various Environments. Written PowerShell script for automating the post release merges i.e., from the release branch to the master branch.
- Responsible of standards-based web application deployments over Azure Cloud services (web and worker roles) on Azure, using VS and PowerShell script. using well-established design patterns and the power of ASP.NET and the .NET Framework. Automated few processes using shell scripting.
- Written terraform code in order to attach the web servers and media servers to the target group of Application Load balancer and configured the DNS record for the load balancer.
- Integrated the **Git** and Terraform in order to deploy the infrastructure in the Cloud environment written as terraform templates.
- Experienced in Continuous Integration/Deployment with Azure Pipelines. Deployed the application in various environments like **DEV, STAG, PERF, PROD** using **Octopus** Deploy for various release versions.
- Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using **Jenkins**. along with **Python** and **Shell scripts** to automate routine jobs.
- Designing, building, and supporting advanced cloud automation workflows and tools used to support automated CI/CD pipeline application deployments into AWS using **Jenkins, Artifactory, and Terraform**.
- Good Knowledge in scripting languages like Unix **Shell, groovy, Python** to automate the deployments.
- Automated most of the daily tasks using **Python** scripts. Developed Wrapper in Python for instantiating multi-threaded application.
- Deployed microservices based application using **Kubernetes**.
- Created a dynamic horizontal scaling cluster management platform using **Kubernetes** to deploy Dockerized micro service containers. Worked on Deployment Automation of all micro services to pull image from Private **ECR** registry and deploy to **KubernetesKops** Cluster.
- Assist in **DB** migration and upgrade of **Octopus** Deploy and **Tentacles**. Using **Ansible**, and Octopus to create automatic scripts to deploy various repositories, also using manual methods like command line interfaces such as Git Bash to manually deploy code as well.
- Automated few processes using **shell scripting**.
- Expertise on Creating Multiple **Ansible** playbooks for auto-provisioning of test environments using Docker and auto deployment of artifacts.
- Working for **DevOps** Platform team responsible for specialization areas related to **Chef** for Cloud Automation.
- Using **Chef** deployed and configured **Elasticsearch**, Logstash and Kibana (**ELK**) for log analytics, full text search, application monitoring in integration with CloudWatch.
- Setup the VPN tunnel from on prem network to the cloud account in order to enable the communication back and forth.
- Worked closely with security team on **Alert Logic** Threat manager, a SaaS solution that collects, process and analyzes client's data and maintained monitoring the security on EC2 deployments.
- Involved in scrum meetings, product backlog and other scrum activities and artifacts in collaboration with the team.
- Proficient in documentation works, Requirement Specification (RS) and Test Case Preparation.

Environment: Aws, Azure, Terraform, Jenkins, Kubernetes, Docker, Ansible, chef, Jira, Shell scripting, MySQL, PowerShell Windows, IIS, Apache Tomcat, Shell Script, Python, Windows, Alert logic, ELK.

Project #1:

Title	xxxxxxxxx Global Enterprise
Skills Used	Git, Jenkins, AWS, Linux, Scripting
Duration	Sep xxxx to Jan xxxx
Role	DevOps Engineer

Responsibilities:

- Designed, configured and deployed **Amazon web services (AWS)**, Defined **AWS Security services** as virtual firewalls to control the traffic on **EC2** instances for multitude of applications utilizing the Amazon Web Services focusing on high-availability, Fault Tolerance and auto-scaling.
- Configured Aws identity access management and security groups, users in public and private subnets in **VPC** for improved log in authentication.
- Installed and configured applications on **AWS EC2** instances and stored them in **S3** buckets, configured S3 Versioning and life cycle policies to back up files into Glacier.
- Configured AWS virtual private cloud and data base subnet groups for isolation of resources within the **amazon RDS** in **Aurora DB cluster**.
- Supports Conagra complex system configurations and standards for **Citrix, VMware and MS Hyper-V** platforms
- Assess, recommend, plan, and implement complex VDI / App Delivery Virtualization projects using various technologies.
- Implemented **Azure IaaS** Infrastructure and **PaaS** Platform Services and Wrote **ARM templates** using JSON for Configuring Virtual Networks, Gateway Subnets, Setup DNS at the Virtual Network level, User Defined Routes (**UDRs**), altered the security groups, NIC's and Azure VM's for internal applications.
- Worked on writing the **PowerShell** runbooks for provisioning the Azure VM's using the resource manager.
- Integrated Azure with **docker** Enterprise edition to create the Azure VM Scale sets for autoscaling, Azure load balancing and Azure storage. Built the on-premise PAAS with Docker and Azure services.
- Used Docker to containerized Micro services in cloud and managed clusters using Docker Swarm and Kubernetes. Developed Private cloud system solution on **Core OS** using **Kubernetes** (Docker weave).
- Integrated AWS Code commit with **Jenkins**, for continuous integration and deployment, this automates the deployment of new revisions of applications i.e., whenever there is a code change, **Jenkins** used to build the **WAR** file and deploy to the Application Server (AWS EC2 instance).
- Worked with architecture, cloud, server, middleware, and application teams to complete detailed technical design for migration from Aws to Azure implementation.
- Tested, evaluated and involved in troubleshooting of different **NoSQL** database systems such as **MongoDB**, and their cluster configurations to ensure high availability in various crash scenarios.
- Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- Wrote **Ansible** Playbooks with Python SSH as the wrapper to manage the configuration of AWS nodes and test playbooks on AWS instance using **Python**. **Ran Ansible** scripts to provision Dev Servers.
- Worked with best practices and processes **Agile scrum** methodology, **JIRA** program Management [JIRA scrum], JIRA dashboard customization, JIRA release management, JIRA test management, **JIRA training**.
- Developed build and deployment scripts using **MAVEN** as build tool and automated the build and deploy processes using Jenkins to move from one environment to other environments and Used GIT as Source code repository.

Environment: Splunk, Docker swarm, Docker Kubernetes, AWS, Jenkins, MariaDB, Ansible, Jira, Maven, GIT