**Name xxxxxxx**

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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:**

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| --- | --- |
| **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 xxxxxxxxx from Aug xxxx to till date.

**PROFESSIONAL EXPERIENCE:**

**Project #2:**

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| **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:**

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| --- | --- |
| **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