**Azure Devops**

Name:  
Email:  
Phone:

**Career Objective**

Seeking a challenging role to work in a professional environment that provides opportunity to learn key technologies, be an effective team player in developing, managing projects and to be an asset for the organization by delivering to the best of my capabilities.

**Professional Summary**

* Possessing **3+ years** of Experience as a **Devops** **Engineer** specialized in the areas of Configuration, Integration and Build processes.
* Good knowledge in writing terraforms for **AWS Environment Provisioning.**
* Created terraform for AWS Services **EC2,S3,VPC,ECS,ECR,EKS,RDS**,CloudWatch.
* Worked terraform in **Azure cloud** for **Environment Provisioning.**
* Written Azure terraform for services **virtual machine creation, Storage account creation, Keyvault encryption.**
* Created terraform for **storage account creation with Private endpoint.**
* Written terraform for **Azure databricks** **cluster creation, notebook creation, User creation, Group creation**.
* Good knowledge in **Terraform modules.**
* Good knowledge in **Azure databricks Cluster** creation and maintaining the **user roles** in databricks.
* Experience in Azure **Databricks** cluster creation and Notebooks creation.
* Working experience in **KeyVault**.
* Good knowledge encrypting data using azure **Keyvault** and decrypting data in azure databricks using Scala and Python notebooks.
* Good experience in Setting up environment in **Azure** from scratch.
* Worked in **Application Gate way Setup**.
* Good knowledge Azure **Virtual Machines creation.**
* Working experience in **Azure Function app**.
* Worked in setting up Azure Production environment with **Production subscriptions**.
* Working knowledge in mounting data from **storage account to databricks workspace**.
* Worked in **Azure active directory**.
* Working experience in writing the **Ansible Playbooks** for creating AWS services like **VPC,EC2**.
* Worked in creating **Kubernetes** **cluster** for staging, QA, UAT environments.
* Deployed images in pods using **ansible playbooks**.
* Written **ansible** playbooks for **creating Kubernetes cluster** for all environments.
* Automated deployment process from **Jenkins** to **Kubernetes** **Cluster**.
* Develop and maintain an advanced platform to manage **Kubernetes clusters lifecycle.**
* Maintain documentation regarding configurations, operations and **troubleshooting** procedures
* Cloud and OS distribution portability: Runs on **Ubuntu, RHEL, CoreOS**, on-prem, Google Kubernetes Engine, and anywhere else.
* Configuring the **Docker** containers and creating **Docker files** for different **environments**.
* Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins.**
* Good experience in automating **Jenkins** with **AWS Elastic Container service** (**ECS**).
* Worked in **JIRA** automaction in **Jenkins** build and deployment process.
* Experiance migratation of **Clearquest**(**CQ**) to **JIRA**.
* Possessing hands on practical exposure in Continuous Integration tool like **Jenkins** and integrated build process through **Jenkins** using **CI/CD Pipelines**,creating users and giving permissions to themand experience in **Service now** tool for defect logging and issues tracking.
* Experienced in creating **Master-Slave/Node machine** configurations and distribute the workloads.
* Exposure to documentation of automating the build as well as release process.
* Work Experience in deploying the applications through Application server like **Tomcat** and ability in managing all aspects of the software configuration management process including the code compilation, packaging /deploying /releasing methodology and application configurations.
* Experienced in **Docker** installation, image setup, building custom image from a **Dockerfile** and hands on experience in **Docker Swarm**, **Docker Compose** and **Docker Networking** concepts.
* Hands on experience in performing the backup activities of build artifacts through **Nexus**.
* Aware on visualizing and assisting activities like code quality validation through **SonarQube**.
* Expertise in the Configuration Management Tool like **Ansible** used in deployment activities to avoid manual tendency.
* Proficient in building the **AWS IaaS** in the areas like VPC, Subnets, Route Tables, Peering Connections, Gateway establishments and Provisioning of VMs include Security Groups creation and VM creations.
* Performing the backup activities on daily basis, the file and the other media storage will be exported and stored in multiple locations in **S3** and considerable exposure in other AWS services i.e., IAM, Auto Scaling and ELB.
* Experience in supporting applications on different platforms **Windows** and **Linux** environments.
* Effectively co-ordinate with various functional development, testing, environment management and helpdesk within the organization throughout the SDLC.
* Possess good interpersonal, documentation, oral communication skills and positive work attitude.
* Good experience on Amazon Web Services (AWS), Creating EC2 Instances and configuring all necessary services.
* Configure and launching of EC2 using AMI (Linux/ Ubuntu) and configuration the servers for specified application.
* Extensively used Code Commit, Code Pipeline.
* Taking the backup of S3 and attaching the EBS to instance.
* Good knowledge in AWS services i.e., IAM, Auto scaling, ELB.
* Worked on Dockers Including Docker Installation, Creating Images and Containers.
* Good experience in deploying the files in Tomcat Server.
* Worked on ticketing tool Jira.
* Working experience on operating systems like Windows, Linux, Unix etc.
* Good knowledge of programming concept, OS related issues, Server configuration and builds and release process.
* Ability to learn and master new technologies and also to deliver outputs in short deadlines.
* Ability to accept challenge, learn and grown in good profession manner.

**Technical Skills**

**Version Control system :** SVN, GIT

**Build tools :** Maven, Ant

**CI Tool :** Jenkins

**Containerization Tool :** Docker

**Configuration Management :** Chef, Run deck

**Cloud Platform :** Amazon Web Services

**Scripting languages :** Shell scripting

**Application server :** Apache tomcat server

**Operating system :** Windows, Red Hat, Linux

**Educational Qualification**

* B. Tech from **Jntu Of Technology**, **Odisha** in **2016**.

**Work Experience**

* Working as a DevOps Engineer in **Deloitte, Gurgaon** from July 2016 to till date.

**Project**

**Client            : Supervalu**

**Role        : DevOps Engineer**

**Company     : Deloitte**

**Period           : Sept 2016 to till date**

**Description**:

**SUPERVALU** is an American retail company with nationwide network of approximately 2,500 retail stores embodies the full range of grocery retailing formats, blending price, service and selection to best address the communities that are served. Main business of this Project is Transportation and Warehouse.

**Roles and Responsibilities:**

* Designed and configured Azure **Virtual Networks (VNets)**, subnets, Azure network settings,security policies and routing.
* Deployed Azure IaaS virtual machines **(VMs)** and Cloud services **(PaaS role instances**) into secure **VNets** and subnets.
* Designed **VNets** and subscriptions to confirm to Azure Network Limits.
* Define cloud network architecture using **ss**, **VPN** and express route to establish connectivity between on premise and cloud.
* Develop powershell scripts and ARM templates to automate the provisioning and deployment process
* Troubleshoot and identify performance, connectivity and other issues for the applications hosted in Azure platform.
* Written **ARM templates** for azure services Storage accounts, **Azure Databricks,Keyvault,Application gateway**.
* Worked in **Azure databricks** for creating databricks workspace.
* Experience in Azure Databricks cluster creation and **Notebooks** creation.
* Written the Azure pipeline scripts for deploying the **Kubernetes** services.
* Deployed Jupyterhub application using Azure VMs and installed **Jupyterhub in Kubernetes** service.
* Implemented **Azure diagnostic** **settings** for the Azure storage account and azure databricks
* Written **ARM templates for Log analytics Workspace** creation.
* Enabled diagnostic settings using ARM templates for the Azure services Azure storage account and Azure Databricks.
* Good knowledge in **mounting** **storage accounts** to azure **databricks** **cluster**.
* Good knowledge in **PV and PVC** in **Kubernetes**.
* Worked in **Secrets** and **namespaces** and **configmaps** in **Kubernetes**.
* Hands on experience in writing the play for **AWS** requirements like **EC2** instance and **VPC** creation.
* Experience in Azure **Databricks** cluster creation and Notebooks creation.
* Working experience in **KeyVault**.
* Good knowledge encrypting data using azure **Keyvault** and decrypting data in azure databricks using Scala and Python notebooks.
* Good experience in Setting up environment in **Azure** from scratch.
* Created terraform for AWS Services **EC2,S3,VPC,ECS,ECR,EKS,RDS**,CloudWatch.
* Worked terraform in **Azure cloud** for **Environment Provisioning.**
* Having good knowledge in implementation of **CI/CD.**
* Experience in developing and maintaining **CI/CD** process for SaaS applications by accessing tools like Maven, Jenkins, etc.
* Performing deployments on different environments like Dev, QA, Staging and Production environments in AWS cloud platform through Ansible.
* Performed automated deployments of build artifacts on Tomcat server using Ansible.
* Implementation of application deployments in Docker for Dev environments.
* Troubleshooting build issues and coordinate with development teams on resolving those build issues.

**Projects Handled**

**Project** 1 : HBC CMS Plan and SAKS Integration

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| --- |
| **Description:** |

Hudson Bay Company (HBC) is a Canada based retailer which has presence in US & Canada. Saks Fifth Avenue, Lord &Taylor (LT), Hudson’s Bay (The Bay) and Home Outfitter (HmO) are all Banners of Hudson Bay Company (HBC) and Saks and LT chains of stores are operating in US and Bay and HmO in Canada. Saks is the recent acquisition by HBC. As part of Saks integration with HBC we are building a synergy between all banners, retiring legacy applications across all banners and replacing them with common systems. CMS Retek is one of such common systems getting developed and being implemented for Saks.

**Roles and Responsibilities:**

* Creating a Labels and support branches.
* Manage code repositories (branching, labelling etc.).
* Adding /Deleting, Permissions and Customizing Views and Branches.
* Coordinate build and deploy activities.
* Worked on deploying the packages in production using Ansible playbooks.
* Setting up Chef Workstation, Boot strapping various enterprise Nodes, setting up keys.
* writing the Recipes in Chef based on requirement.
* Knowledge in automating the build and release and deploying the packages using the Chef.
* Involved in the release process and deployed applications (WAR, EAR and JAR) to the Red hat satellite server.
* Identify root cause and resolve problems.
* Running and monitoring nightly builds in all Java platforms.
* Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
* Performing installation testing on builds before handing over to QA team.
* Worked with developers, QA and Product support teams to identify and resolve build problems.
* Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
* Develop and maintain build and release process documentation.
* Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
* Assisting development team in resolving issues with build, environment, SCM and tools.
* Perform code build and deploy (Unix and Windows)
* Launching and configuring of Amazon EC2 (AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications.
* Worked in Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS, Route S3, Cloud Watch, Dynamo DB and Elastic cache.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.

**Declaration**

I hereby declare that the above mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above mentioned particulars.