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***Exploring challenging opportunities to work with an organization of repute to add value through acquired skills***



Competent & dynamic software professional offering **4+years of** commendable experience;

* Engineer with proven leadership and mentoring skills. Currently working as a Devops Engineer at Icon Consulting Services.
* With a wide range of experience have involved in Building, Continuous Integration, Continuous Deployment, Requirement Analysis, Planning, Development, and Release of various Enterprise-Wide Software Applications for business areas using Jenkins ,Git, Maven, Subversion, Ansible ,AWS services.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Expertise in amazon **AWS** cloud which includes services like: EC2, S3, VPC, IAM, Elastic Beanstalk, Elastic Load balancing, Auto scaling, RDS, Route 53,Volume Snapshots , AMI, Cloud Watch, Security Groups,NACL,cloud formation & DynamoDB
* Hands on experience in migrating third party cloud to AWS infrastructure.
* Mastery in configuration management with **Ansible** using Modules, Playbook, Roles, Parallel jobs.
* Mastery in version control system – **GIT**
* Peering between the AWS VPC with the **Terraform code.**
* Deployedconfiguration management and provisioning to AWS using packer-docker and **terraform**,involved automated deployments of **EBS** on to the AWS cloud EC2 instance server and automated the complete deployment environment on AWS.
* In-depth understanding of **scrum, agile & stand-up meetings** and success in steering them to enhanced growth with vision to drive the better delivery and deployment through efficient integration and client servicing.
* Provided consistent environment using **Kubernetes** for deployment scaling and load balancing to the application from development through production, easing the code development and deployment pipeline by implementing **Docker** containerization
* Adept in managing business operations with focus on top-line & bottom-line performance and expertise in determining company's mission & strategic direction as conveyed through policies & corporate objectives.
* Integrated **Kubernetes** with network, storage, and security to provide comprehensive infrastructure and orchestrated container across multiple hosts.
* Expertise in successfully ramping assignments, while working in close coordination with team members and clients to ensure effective deliverables.
* Proven ability to be a strong professional with the sound knowledge of the new technologies and advanced applications.
* Keeps abreast with the emerging trends in the industry; demonstrated ability to build and maintain positive working relationships with all people at all levels.
* Multi-skilled professional with the capability of thinking out of the box to generate customized pipeline structures and deploy to the respective servers.
* Deployed builds to different environments like DEV, QA, UAT environments by integrating **Jenkins** **and Ansible.**

**Education**

* Masters in Computer Networks from University of Bedfordshire, United Kingdom, 2013-2015.

**COMPETENCY MATRIX**

|  |  |
| --- | --- |
| Version Control | **GIT, Github,SVN** |
|  |  |
| Virtualization | **Docker** |
|  |  |
| Web Server | **Apache, Tomcat,** |
|  | **NGINX** |
|  |  |
| Database | **MySQL, DynamoDB, RDS** |
|  |  |
| Mem Cache | **Redis ( AWS )** |
|  |  |

|  |  |
| --- | --- |
| Operating Systems | **CentOs, Ubuntu, Windows** |
| CI/CD | **Jenkins** |
| Cloud | **AWS** |
| Configuration Management Tool | **Ansible,cheff** |
| Cloud Computing | **AWS** |
| Monitoring | Cloud **Cloudwatch(AWS)** |
| Scripting | **Bash/ Shell & Python** |







**PROJECT #4:-**



**Organization**: I-Con Consulting service Ltd

**Client** : Leadsqauar

**Duration** : May 2018 to till date

**Role** : Sr Devops Engineer

**Responsibilities**:

* Involved in designing and deploying a multitude application utilizing almost all the **AWS services** using cloudformation(EC2,EKS,IAM,S3,RDS, Redshift, ELB, Networking,VPC,security) focusing on high-availability,fault tolerance,and auto scaling.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Extensive experience using **MAVEN** and **ANT** as a Build Tool for the building of deployable artefacts (war & jar) from source code.
* Experienced in, build and deployment of Java applications on to different environments such as **QA, UAT and Production**.
* Managed various environments like **DEV, QA, and PROD** for various releases and designed instance strategies.
* Installing and configuring **Terraform** and building the infrastructure using terraform configuration file.
* Built Jenkins jobs to create AWS infrastructure from GitHub repos containing **terraform code.**
* Container management using **Docker** by writing **Dockerfiles** and set up the automated build on Docker HUB and installed and configured **Kubernetes**.
* Experienced in deployment of applications on **Apache Web server and Application Servers like** **Tomcat**.
* Managed local deployments in **Kubernetes,** creating local cluster and deploying application containers.
* Pushing Code from **Git** to **Nexus** make available for release through automation script using Jenkins.
* Proficient in Build & Release automation framework designing, Continuous Integration and Continuous Delivery, Build & release planning, procedures, scripting & automation.
* Good at documenting and implementing procedures related to build, deployment and release.
* Involved in the installation and configuration of Nginx as a web server through **Ansible.**
* Leverage Ansible for provisioning and deprovisioning user accounts on Linux instances.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Ubuntu/ Centos) and Configuring launched instances with respect to specific applications.
* Managed IAM policies, providing access to different AWS resources, design and refine the workflows used to grant access.
* Used ELB and Auto scaling for load balancing and scaling EC2 instances up/down based on Network Traffic.
* Created several AMI’s for setting up a group of servers with the same configuration and packages.
* Achieved Auto scaling by configuring launch configuration for Auto scaling groups by creating alarms through cloudwatch on server services like CPU, RAM and disk storage and Network In.
* Creating backups on a regular basis by using snapshots.
* Configured security groups for instances and Network Access Control List for sub -nets and Routing Tables for the same.
* Created highly available VPC with Internet Gateway NAT gateway.
* Setting up databases using S3 bucket and configuring instance backups to S3 bucket.
* Uploaded JAVA application on Elastic Beanstalk and handled the details of capacity provisioning, load balancing, scaling, and application health monitoring.
* Created RDS and scale a database in the cloud which provides resizable capacity while managing time-consuming database administration tasks.

**PROJECT #3:-**

**Organization:** Vedanta

**Client :** Sandvik

**Duration :** July 2017 to April 2018

**Role :** Devops Engineer

**Responsibilities**:

* Responsible for developing and designing infrastructure as a service(Iaas) of linux environment using **AWS**(EC2,VPC,ELB,S3,IAM,RDS,Route53)
* Setting up the new build environment for various products in **Linux** environment.
* Involved in **GIT** administration.
* Enabling GIT Webhooks.
* Involved in Branching, Tagging of code delivery at required releases.
* Recommendation of GIT/Build/Release Process.
* Creating WAR files by using MAVEN.
* Involved in Deployment of the application using Tomcat
* Automated build process used for Web Based applications using one or more tools/Automation framework like Jenkins.
* Involved in scheduling the automated build called Nightly Builds.
* Interacting with developers to sort out issues related to Build Automation.
* Creating the Jenkins Jobs.
* Project involved the usage of maintaining repository and version controlling.
* Inputs to planning and estimation for configuration and release management activities.
* This involves exploring new tools and plan for release & configuration management
* Co-work with the globally distributed Development team to fix the build related issues.
* Promoting code from one Environment to another Environment.
* Development of shell scripts for automation of existing manual processes.
* Automated nightly builds for all the environments and reporting mechanisms.
* Involved in the deploying the applications in QA, UAT and production environments.

**PROJECT #2:-**

**Organization:** IGate

**Client :** GE-Aviation

**Duration :** March 2016 to June 2017

**Role :** Devops Engineer

**Responsibilities:**

* 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.
* Experience in Setting up GIT repository setup in Bitbucket and Branching, And Merging Model.
* Involved in migrating the code from CVS to Mercurial code repository in client environment.
* Assist engineering management in making choices for source code management systems, and other development
* Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to engineering team.
* Migrated builds from Ant to Maven and configured the artifact repository nexus.
* Performed DevOps for Linux and Windows platforms.
* Focused on automation and integration.
* Monitored developed applications and fixed bugs.
* Created automation and deployment templates for relational including MySQL.
* Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting bugs and fixes; scheduled downtimes and maintenance of cluster.
* Wrote Puppet Manifest files to deploy automated tasks to many servers at once
* Provide direct server support during deployment and general production operations.
* Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices.



**PROJECT #1:-**

**Organization:** Nipun Net solutions

**Client :** Humana

**Duration :** July 2015 to Feb 2016

**Role :** Associate Software Engineer

**Responsibilities:**

* Setting up the automation environment for Application team if necessary, and help them through the process of build and release automation.
* Create and Maintain Subversion Branching, Merging and Tagging across each production releases and perform builds using Jenkins Continuous Integration using maven Build scripts.
* Manage the Source code to have Latest version of code available from production releases.
* Maintained subversion repositories for devops environment automation code and configuration.
* Developed bash scripts to redact sensitive data from apache access and error logs using a sed expression, deploy war files to environments in parallel.
* Developed automation and deployment utilities using bash and python.
* Experience in setting up the different internal environments DEV, QA, and SIT and maintained the clear documentation for all environment specific configurations.
* Automating deployment process using scripts to the different environments.
* Experience in troubleshooting the build failures and deployment failures to the different environments.
* Experience in writing shell scripting and providing the support activities on different virtual servers on Linux and windows platform.
* Involved in Jira administrative activities for different project teams.

