Naresh K

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Relocation: yes

PROFILE SUMMARY:

* 4+ years of Experience in **DevOps / cloud** administration and automation on Public cloud platforms **AWS** .
* Experience in working on **micro service architecture** setup for spring and API projects.
* Hands on experience in using AWS Services **VPC, EC2, S3, EBS, RDS, IAM, SSM, SNS, cloud watch, ELB, Auto scaling, Route53, EKS, ECS, ECR and cloud Front.**
* Infrastructure automation on public cloud platforms **AWS** using **Terraform**.
* Created **Terraform state** files and Maintained in AWS S3 as a Backend.
* Environment setup for Java applications on **windows** and **Linux** servers by using **web sphere**, **tomcat** and **Apache**.
* Installation and Configuration of **Jenkins** and Created the Continuous Integration / Continuous Deployment automation Pipelines.
* Build Management for Java application using Apache **Maven** and **ANT**. Managed the dependencies using artifact management tool **nexus**.
* Installed and Configured Static Code analysis using **sonar**. Configured the Quality Gates in Sonar and integrated with Jenkins.
* Administrative experience on **Linux servers** and scripting automation using **bash**.
* Managing the multiple **release deployments** to different environments **QA, UAT** and **PROD**.
* Used **Jira** for workflow management and release approvals from the different stake holders.
* **Database** deployments also managed for different environments from Jenkins.
* Hands Experience Installation and Configuration of Centralized and Distributed VCS systems **Subversion (SVN)** and **GIT (GITHUB and Bit Bucket)**
* Worked with Project architects to define branching and merging strategies for multiple application releases for **SVN** and **GIT**.
* Written Ansible playbooks and roles for deployment automation, patch management for out Linux environment hosted on cloud.

TECHNICAL SKILL SUMMARY:

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| --- |
| * Public Cloud AWS * Application Servers Web sphere, Tomcat * Web Servers Apache and IIS. * CI Tools Jenkins/Hudson. * Databases AWS RDS, SQL Server and MySQL. * SCM Tools SVN, GIT * Build Tools Maven, Ant * Artifact Management Nexus * Code Coverage Sonar * Development Methodologies Agile * Bug tracking tool JIRA * Container technology Docker * Operating systems Linux and Windows. * Scripting Languages Shell Scripting, JSON and yaml. * Configuration Management tool Ansible. * Infrastructure automation Terraform. |

ORGANISATION DETAILS:

Working at **Reliance Jio Infocomm Ltd** as **DevOps Engineer** from Feb-2017 to Till Date.

PROJECT SUMMARY:

**PROJECT / CLIENT: JIO Fiber.**

**Role title:** DevOps Engineer.

**Duration:** Feb’2019-to Till Date**.**

**DevOps Tools Used:** GitHub, Maven, Jenkins, Ansible, Terraform, AWS,Web sphere, tomcat, Centos, windows

**Contributions:**

* Infrastructure as a code automation Using Terraform on Public cloud platform AWS.
* CI/CD Pipeline setup using Jenkins pipeline scripts.
* Managed the day to day builds to Dev, RT andQA environments from Jenkins server. Also responsible for monitoring the builds and troubleshooting the issues.
* Experience in automate the deployments to UAT and PROD as per the release cycle.
* Good Hands on experience in Linux server administration, monitoring and troubleshooting the issues.
* Used ansible for patch management for several Linux machines on weekend schedules.
* Branching and Merging strategies defined for agile releases in GIT.
* Automated the application build process setup for Java Applications using Maven.
* Scripting automation exposure using shell and Java version python scripts for deployment automation.
* Environment setup using different web and application server’s apache, tomcat and web sphere.
* Involved in writing the docker files to build images and deployed the containers to the different environments.
* Manage and configure AWS services as per the business needs (ELB, SES, EC2, Route53, S3, Cloud Watch, IAM, VPC and Cloud formation).
* Setup and Managing VPC, Subnets, make connection between different zones.
* Creating snapshots, AMIs, Elastic IPs and managing EBS volumes.
* Load Balancing setup using AWS ELB and Configure horizontal scaling (Scale in and out) using Auto Scaling.
* Access management using IAM and defined custom json policy roles for different identities.
* Exposure on simple storageAWS S3 and applied S3 lifecycle rules to utilize the different storage classes to utilize costs more effectively.

**PROJECT: JIO chat.**

**Duration**: **Feb-2018** to **Jan-2019**.

**Contributions:**

* Coordinated with dev teams and BA teams to perform the pull requests across different branches and builds schedule to the environments.
* Automated the DB deployments and support activities.
* Maintained the source code repositories in GITHUB.
* Monitoring and troubleshooting issues in the daily builds, deployments and environment issues.

**PROJECT / CLIENT: ITM MINING.**

**Role:** Configuration Engineer

Duration: Feb-2017-Jan-2018.

**Environment: SVN, Jenkins, ANT, Shell (bash), Apache Tomcat Application Server, Java/J2EE, Linux, windows Family and MySQL.**

**Contributions:**

* Administrated the Linux servers and daily monitoring.
* Responsible for versioning the source code, releasing binary files and tagging on source files and release files.
* Worked on subversion server to manage repositories, branching and merging.
* Helped the Dev teams on code merge conflicts and access issues.
* Administration and Configuration of CI server Jenkins.
* Automated application Code compilation, testing and packaging using build automation tool using ANT.
* Managed staging and testing environments.
* Established coding standards and enforced them through automated tools.
* Educated team about continuous integration and automated testing practices and supported them throughout application release.
* Configured Jenkins to implement nightly builds on daily basis.
* Connected continuous integration system with different tools as part of CI process and CD Process.
* Written Shell scripts for deployment automation.
* Documenting all the useful info about the release, software versions, changes implemented in current release, Defects fixed, Labels applied.
* Deployed Java/J2EE applications on to Apache Tomcat application servers and configured it to host the wiki website.
* Coordinated with software development teams and QA teams on issues and resolved the problems.
* Performed the detailed monitoring on servers for space, CPU, RAM, identify the process and kill if there is high consumption on specific processes.
* Automated the manual tasks using script and scheduled from Jenkins by running periodically.