Kumar Bishwadeep

CloudOps Engineer
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Professional Summary:

CloudOps Engineer working in Agile and Scrum environment with DevOps and Cloud principles & Effectively configured and deployed infrastructure in various DevOps tools.

Primary Skills:

Azure, AWS, Azure DevOps, Linux, Windows Server, Oracle, SQL-Developer, Git, Jenkins, Apache Web Server.

Technical Skills:

- Adaptive to Cloud Strategies based on AWS (Amazon Web Services) and Azure.
- Experience in deploying applications in web server, application server.
- Experience in Jenkins, SonarQube, Git and GitHub etc.
- Experience on Build Management tools like Apache Maven.
- Experience in Linux and windows servers.
- Leading, monitoring and maintenance of multi-user computing environment according to organizational requirements.
- Web and applications deployment with CICD and IIS.
- Knowledge in shell scripts.
- Good knowledge on Docker.
- Having knowledge on Ansible.
- Experience in SQL-Developer.
- Manage release tracker and documentations.

Technical Proficiency

Good experience on RDBMS Oracle -11g.
Good practice with SQL-Developer.

Operating systems	: Windows, Unix/Linux
Server	: Linux, Window server
Cloud Environment	: AWS, Azure
CI/CD Tool	: Azure Pipeline, Jenkins
Application Servers	: Apache Tomcat Server
Version Control Tool	: Git, Github
Build Toll	: Maven
SFTP Client	: WinSCP
SSH Client	: PuTTY

CloudOps Engineer
RS Software (India) Ltd (Payroll in **Concertium.com) – June 2019 – Present**

Roles & Responsibilities:
- Manage Amazon Web Services - ELB, EC2, ECS, S3, RDS, Cloud watch, Route 53.
- Manage azure services – VMs, AD, DB, DevOps, VS, DNS, load balancer, storage.
- Configured S3 versioning and lifecycle policies to backup files and archive files in Glacier.
- Create and manage CICD pipelines in azure DevOps and manage multiple projects.
- Install and configure IIS and application on VMs.
- Creating Git branch and Jenkinsfile as per the project requirement.
- Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances and azure VMs.
- Amazon IAM and Azure AD services enabled to grant permissions and resources to users.
- Administering Jenkins and secured Jenkins with role based access controls.
- Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group.
- Initiating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization, disk usage etc. to take recommended actions for better performance.
- Responsible for managing & successful execution of all daily IT operations, ensuring smooth running of IT systems, servers, IT network, IT security, equipment's software, etc
- Worked on DevOps tools like Jenkins, Github, SonarQube etc.
- Experience in automating building, deploying and releasing of code from one environment to other environment like Development, UAT, Pre-production and Production.
- Having experience in dealing with Incident Management and Change management life cycles.

System Admin
iTech Arc Solutions – Oct 2017 to June 2019

Roles & Responsibilities:
- Working experience on Linux and Cloud AWS Environment.
- Launch the EC2 instance based on requirement, performing the instance stop, start and Reboot Actions based on requirement.
- Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone instances.
- Creating the S3 bucket (Public & Private) and adding the policies to securely connect to s3 buckets.
- Handling IT assets management and installing, managing and troubleshooting squid server.

- Basic User Administration requests [user add, group add, password reset password lock / unlock].
- Adding disks, partitions, swap space management and file system.
- Providing desktop & technical support and remote support to the client.
- Monitor, evaluate and solve hardware and/or software-related performance issues.
- Monitor ticket, chat and phone response times and take appropriate actions.
- Respond to alert tickets (High CPU, RAM, Disk utilization).
- Daemon and process management (stopping, starting and refreshing).
- Managing change request and problem resolving.
- Troubleshooting of various operating systems under heterogeneous environment and maintaining .
- Monitoring the servers performance using with performance monitoring tools like top and ps .
- Monitoring traffic and load balance on all servers via control panel and by LINUX command.

System Engineer
iTech Arc Solutions – July 2016 to Oct 2017

Roles & Responsibilities:
- Having regular onsite calls for gather requirements on existing supporting applications.
- Launch the EC2 instance based on requirement, performing the instance stop, start and Reboot Actions based on requirement.
- Log Monitoring - Audit Trial/ Error log for all the applications.
- Monitoring network connectivity between BBPS OU and CU.
- Monitoring Database - Issues / Logs / Disk & Memory Usage and configuration changes when required for any Production movement.
- Proficient in deploying the War/Jar/Ear applications on target managed servers.
- Handling the issues related to installation, update, configuration, operations or performance.
- Customizing the tasks according to customers' requirement using Shell scripting.
- Analysis and troubleshooting of issues in Production environment and resolve the issues.
- Interacting with on-site clients.
- Involved in the Daily maintenance of product that involved monitoring the daily run of the scripts as well as troubleshooting in the event of any errors in the entire process.

Educational Credentials

B-TECH, 2016   Gandhi Institute for Technological Advancement

Language Proficiency

Language Known: English, Hindi, Bengali.

(Kumar Bishwadeep)