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**PROFILE SUMMARY**

* A target-driven professional with **3+ years** of experience in **Linux, AWS Cloud & DevOps** and currently working as a **Support Engineer** with **Optum Global solutions, Hyderabad.**
* Proficient in **deploying, automating, maintaining & managing AWS cloud based production system**, to ensure the availability, performance, scalability & security of productions systems
* Expert in **AWS, Amazon Ec2, S3, GIT, GitLab, Jenkins(CI/CD), Maven, NAGIOS, Docker, Ansible & Red Hat Package Management.**
* Expert in **Relational Database services** configuration and **Cloud front distribution network** service in Aws Cloud.
* Proficient in performing a wide variety of technical and administrative duties in overall **systems design, development, and delivery.**
* Developing and maintaining an in-depth understanding of the **application, systems, database architecture**, and the general application functionality used to maintain data integrity.
* Expert in **IDENTITY AND ACCESS MANAGEMENT** administration role for user creation access providers to particular services.
* Shown excellence in pre-production **Acceptance Testing** to help assure the quality of our products / service
* Expert in Domain URL’s creation and web site hosting with Linux and windows environment.
* Expert with **Office 365** outlook administration configurations and distribution groups creation to deliver the emails to all employees.
* Setting up new **phpMyAdmin** environment to work development teams.
* Expertized with Domain management setup GoDaddy.
* Webserver configurations with Nginx web hosting.
* Worked with Jira project management configuration tool.

**CORE COMPETENCIES**

* Cloud Management : Amazon Web Services.
* Operating System : RHEL, Ubuntu, Windows.
* Automartion Tool : Jenkins Continous integration & Continous deployment.
* Build Tool : Maven.
* Source Code Managemnet : GitLab.
* Virtualization : Docker.
* Configuration Management : Ansible.
* Inftrastructure Monitoring : Nagios Monitoring, Cloudwatch Tools.
* Scripting : Shell Scripting.

**ORGANIZATIONAL EXPERIENCE**

**Project: E-Commerce, AWS Cloud.**

**Roles & Responsibilities:**

* Creating new instances for configuring dev setups and uat environments for development.
* Back end application configuration for relational database services to store user information and orders information.
* Managing system troubleshooting and problem solving across platform &application domains
* Crafting AWS solutions using EC2, S3, EBS, Elastic Load Balancer (ELB) and Auto Scaling Groups
* Configuring Virtual Private Cloud (VPC) using both public & private subnets, NAT instances & Elastic Load balancers
* Creating AMI images of critical EC2 instances as backup; restoring the data from snapshots whenever required
* Setting & managing security groups, VPC specific to environment
* Maintaining Jenkins continuous integration infrastructure & releases to DEV/UAT/PROD environments
* Installing, configuring & maintaining web server applications like Apache Web Server.
* Designing highly available systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance & AMIs.
* Producing& managing S3 buckets; enabling logging in S3 bucket to track the request for accessing data and also enable versioning in S3 bucket and restoring the deleted file.
* Consuming Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, EBS volumes.
* Supporting to development team for required setups or packages installation to avoid delays.
* Resolving storage outage alerts on dev, uat & Production server’s specs.
* Email notifications configuration on it environments to receive emails from frontend application.
* Enabling Mobile factor authentication (MFA) for user access security.
* SSH user creation and providing access to login.
* Import & export of SQL dump files regular basis.
* Restoring of RDS snapshots
* Monitoring RDS performance and updating reports to team.
* Cloud Front distribution network CDN configurations
* Worked with VMWare administration to host new servers.
* Provided production &development support for Linux Servers in 24/7 supporting environment.
* Regular server updates Linux and windows.
* Scheduled automation jobs with Cron .
* Retained backup of files & restored using TAR
* Performed remote file transfer using SCP & RSYNC
* Installed, configured & upgraded server software and related products (RedHat packages)
* Executed Network File System (NFS) server configuration &client side configuration
* Configured FTP Server for downloading & uploading of files
* Maintained & configured Apache Server & PHP hosting’s.
* Monitored/maintained system details within the database including stored procedures & execution time; implemented efficiency improvements.
* Implemented the correct process for storage & application of development changes to Database (DB) while upgrading existing systems.
* Database creation and MySQL user creation as well providing access to users.
* Backups configuration day to day activities.
* Writing scripts to maintain automated tasks to run at specified time.
* Working experience in continuous integration using GIT, GitHub, Maven & Jenkins
* Hands on experience in installing & administrating CI/CD tool like Jenkins.
* Virtualize the servers on AWS using the Docker, create Docker Files.
* Launching Elastic Cloud Compute (EC2) instances of Linux & Windows virtual servers
* Configure the Elastic Load Balancers (ELB) for distributing incoming application traffic across multiple EC2 instances
* EBS Volumes, EIPs, Snapshots, AMI’s. Creating AMI images from existing instances and copy them to different regions
* Administered GIT version control and supporting source code management services
* Monitoring tools like Nagios.
* New website hosting on dev & UAT as well Prod.
* SSL certificate installations new websites to secure website.

**ACADEMIC DETAILS**

* Bachelor of Technology from JNTU, ANANTAPUR 2015.