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# Career Summary

**SYED WASIM AKRAM AWS INFRA SPECIALIST**

* **5+ years** of professional experience in IT Industry as a AWS Cloud Engineer in the field of automation, software configuration management and cloud services.
* Building Infrastructure with Terraform stack on Cloud
* Managing the Terraform Stack on repository for managing the resources on cloud
* Implementation of CI/CD Pipeline Using: Jenkins, Ansible, Docker, Git, Maven, Sonar in AWS Cloud.
* Experience In Building CI/CD Pipeline using Jenkins.
* Configured Jenkins Nodes to build jobs to distribute the load on Jenkins’s master and achieved parallel builds.
* Creating Docker files to build the images for different environments.
* Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route53, S3, RDS, CloudWatch, IAM, SNS, VPC,, SES,ETC)
* Created Kubernetes cluster on EKS and deployed micro services on pods
* Version control and source code management using GIT, GITHUB Costing, Design, building and managing the infrastructure environments needed for the projects in the AWS hosting platform.
* Actively monitor, research, and analyze ways in which the services in AWS can be improved.
* Maintain system availability as per multiple Service Level Agreements (SLA).
* Produce monthly reports activity where needed and explain any abnormal system performance.
* Provide on-call support as scheduled and provide support to other on-call support people for critical incident where expertise help would be required.
* Provide support to the technical escalation from the team and Coordinate service calls and requests with team members where necessary.
* Tier 3 support and managing the services within AWS and global IT infrastructure.
* Maintaining highly reliable 24x7x365 Linux production servers for internal, global and AWS EC2 instances.
* Managing Nagios, Cacti and Cloud watch for monitor critical system health, performance, security, disk usage etc.
* Installation, configuration, and maintenance of Linux Servers such as DHCP, DNS, FTP, NFS, SFTP, SAMBA, HTTPD, APACHE, Kerberos, and NTLM etc.
* Coordinate and implement change records because of trouble tickets and 2nd /3rd level in-depth support for hardware and OS diagnostics.

# Professional Experience

* Working For JP Morgan Chase&Co, Pune since July 2022 to still working
* Worked For **LOYLOGIC Pvt. ltd** Pune since Jan 2022 to jun 2022.
* Worked For **Tech Mahindra**, Bangalore since May 2018 to Dec 2021

# Present Project work Experience on JP Morgan Chase&co.

**Project : Travel**

Team Size **: 12**

Role **:** Software Enginer

**Roles and responsibilities:**

* Involved in the complete SDLC life cycle - Designing, Coding, Testing, Debugging and QA, Stage, and prod Environment Support.
* Creating Infra using DNS Entry, Job role and Routing using Spinnaker Infra creation pipeline.
* Creating Kube8 public and private pods Endpoints.
* Whitelisting private &public Endpoints in Kong configuration and deployment on the environment.
* Coordinate/assist developers with establishing and applying appropriate branching, labelling/naming conventions using GITs.
* Creating Grafana alarm for Kube8 endpoint in Prod environment.
* Set up a Monitoring UI Kong private& public endpoint and deploy.
* Enabling Istio in Jenkin file on Qa, Stage & Prod Environments.
* Add SonarQube Code in Jenkin File.
* Environment Setup and for new Pod Process Spinnaker, Creating Jenkin pipeline, Creating Gitrepo
* Changes in SDK, Angular,Npm versioning in Git repo and deploying new version in version control system.
* Educational Experience Coordinate/assist developers with establishing and applying appropriate branching, labeling /naming conventions using GIT source control.
* Creating Infra using DNS Entry, Job role and Routing using Spinnaker Infra creation pipeline.
* Management and Administration of AWS Services CLI, EC2, VPC, S3 , ELB Glacier, Route 53 , Cloud trail , IAM , and Trusted Advisor services.
* Created automated pipelines in AWS Code Pipeline to deploy Docker containers in AWS ECS using services like

CloudFormation, Code Build, Code Deploy, S3.

* Worked on JIRA for defect/issues logging & tracking and documented all my work using CONFLUENCE.
* Integrated services like GitHub, AWS Code Pipeline, Jenkins, and AWS Elastic Beanstalk to create a deployment pipeline.
* Creating Devops Total handbook and deploy on Confluence.

# Previous Project work Experience on LOYLOGIC Pvt. ltd

## Project : E-commerce

**Client :** E-commerce Team Size **:** 05

## Role : AWS Infra Specialist

**Roles and responsibilities:**

* Working And Responsible for Prod instance primarily.
* Running build job in Jenkins FAT, UAT And PROD Environments and copy the build in S3 bucket.
* Running build jobs and integration tests on Jenkins Master/Slave configuration
* Responsible for Code deployment on Production/UAT.
* Created automated pipelines in AWS Code Pipeline to deploy Docker containers in AWS ECS using services like CloudFormation, Code Build, Code Deploy the code.
* Involved in designing and developing Amazon EC2, Amazon S3, Amazon RDS, Amazon Elastic Load Balancing.
* Responsible for restart the instances with using autoscaling for consuming high memory, changes in configuration.
* Installed/Configured/Managed new servers for testing environment
* Created AWS Multi-Factor Authentication (MFA) for instance RDP/SSH logon, worked with teams to lockdown security groups.
* Taking AMI For backup and lunch new instance.
* Responsible for monitoring the AWS resources using Cloud Watch.
* Amazon IAM service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM.
* Responsible Renew the Up-to-date SSL certification with Using Certification manager.
* Worked on Re-platform Migration (AWS Red hat server migrated to AWS AMI).

# Previous Relevant Work Experience On Tech Mahindra

**Project #1 : Venerable Financial Client :** Venerable Financial **Team Size :** 07

**Role :** AWS Cloud Engineer

## Responsibilities:

* Configured AWS Multi Factor Authentication in IAM to implement 2 step authentication of user's access using Google Authenticator and AWS Virtual MFA.
* Included security groups, network ACLs, Internet Gateways, and Elastic IP's to ensure a safe area for organization in AWS public cloud.
* Writing UNIX shell scripts to automate the jobs and scheduling cron jobs for job automation using commands with Crontab.
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates
* Created scripts in Python which integrated with Amazon API to control instance operations.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling /naming conventions using GIT source control.
* Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS.
* Work with other teams to help develop the Puppet infrastructure to conform to various requirements including security and compliance of managed servers.
* Amazon IAM service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM.
* Deployed Puppet, Puppet dashboard for configuration management to existing infrastructure.
* Initiating alarms in Cloud Watch service for monitoring the server's performance, CPU Utilization, disk usage etc. to take recommended actions for better performance.
* Built a VPC, established the site-to- site VPN connection between Data Center and AWS.
* Develop push-button automation for app teams for deployments in multiple environments like Dev, QA, and Production.
* Help with the creation of dev standards for Puppet module development including best practices for version control (git ).
* Perform troubleshooting and monitoring of the Linux server on AWS using Zabbix, Nagios and Splunk.
* Management and Administration of AWS Services CLI, EC2, VPC, S3 , ELB Glacier, Route 53 , Cloud trail , IAM , and Trusted Advisor services.
* Created automated pipelines in AWS Code Pipeline to deploy Docker containers in AWS ECS using services like

CloudFormation, Code Build, Code Deploy, S3 and puppet.

* Worked on JIRA for defect/issues logging & tracking and documented all my work using CONFLUENCE.
* Integrated services like GitHub, AWS Code Pipeline, Jenkins, and AWS Elastic Beanstalk to create a deployment pipeline.

**Project #2 : CNA Financial Client :** CNA Financial

Team Size **:** 05

Role **:** AWS Cloud Engineer

## Roles and Responsibilities:

* Involved in designing and developing Amazon EC2, Amazon S3, Amazon RDS, Amazon Elastic Load Balancing, Amazon SWF,
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as Amazon Web Services (AWS).
* Responsible for monitoring the AWS resources using Cloud Watch and application resources using Nagios.
* Created AWS Multi-Factor Authentication (MFA) for instance RDP/SSH logon, worked with teams to lockdown security groups.
* Involved in complete SDLC life cycle - Designing, Coding, Testing, Debugging and Production Support.
* Amazon SQS, and other services of the AWS infrastructure.
* Running build jobs and integration tests on Jenkins Master/Slave configuration.
* Managed Servers on the Amazon Web Services (AWS) platform instances using Puppet configuration management.
* Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances.
* Created scripts in Python which integrated with Amazon API to control instance operations.
* Designed, built and coordinate an automated build & release CI/CD process using Gitlab, Jenkins and Puppet on hybrid IT infrastructure.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using Git.
* Branching, Merging, Release Activities on Version Control Tool GIT. Used GitHub as version control to store source code and implemented Git for branching and merging operations for Java Source Code.
* Installed/Configured/Managed Puppet Master/Agent. Wrote custom Modules and Manifests, downloaded pre-written modules from puppet-forge. Up gradation or Migration of Puppet Community and Enterprise.

# Educational Experience

* Bachelor of Science (MPCS) from Kakatiya University-2017

**Languages**: English, Hindi, Telugu