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PROFESSIONAL SUMMARY

- 8 years of experience in automation, configuration, and deployment on **Cloud** environments, Primary role is to identify services in **AWS, AZURE & GCP** cloud Infrastructure such as **IAAS, PAAS and SAAS**.
- Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability, and technical skills.

KEY SKILLS

- IAM, EC2, Azure VM, Azure Managed Instances, AppStream, OKTA, AKS, Active Directory, WAF rules, OpenVPN, AWS S3, Cloud Formation, ELB, ALB, Route53, Cognito, Ansible, Ansible Tower, ECS, EKS, Cloud9, Cloud Watch, Elastic IP, Code Commit, Code Pipeline, Code Deploy, Cloud Front, CloudTrail, Cloud Formation, Security Groups, Subnets, Internet gateway, NAT & Route table, ELK stack, Nagios & Cloud Watch, Git, GitHub, Jenkins, Ansible, Salt Stack, Docker, Kubernetes, AppDynamics, SonarQube, Systems Manager, Secret Manager, Parameter Store, Nexus Artifactory and Terraform. Scripting tools like Shell, Bash & PowerShell
- Worked on OS types of **Linux, CentOS, Ubuntu, Windows & Mac** environments. Programming languages like **Node, Java, and PHP** to deploy applications.
- Worked with different work management tools like **Azure Boards, JIRA, Remedy and Service Now**.

CERTIFICATIONS

- GCP Certified Cloud Architect
- AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE
- AZURE DEVELOPER ASSOCIATE
- TERRAFORM ASSOCIATE
- CLOUD SECURITY ENGINEER



PROFESSIONAL EXPERIENCE - 01

TransUnion Global Technology Center (Senior Engineer - Cloud/DevOps Engineer) - from Nov'24 to Present.

- Harness, Jenkins, Gitlab, WIZ and Self Service Portal IDP are the tools to automate the process.
- **Designed and deployed scalable, secure infrastructure on Google Cloud Platform (GCP)** using VPCs, Cloud Run, GKE, Cloud SQL, Memorystore, and Load Balancers with production-grade uptime.
- **Built and maintained end-to-end CI/CD pipelines using GitHub Actions** enabling automated testing, security checks, and zero-downtime deployments across multiple environments.
- **Automated infrastructure provisioning using Terraform**, creating reusable modules, environment-specific workspaces, and GitOps-aligned workflows.
- **Implemented operational automations using Python and Bash scripts**, reducing manual tasks and deployment times by over X%.
- **Integrated Datadog with GCP services** (GKE, Cloud Run, Compute Engine, Cloud SQL) to enable deep observability—APM, logs, metrics, distributed tracing, and alerting.
- **Optimized cloud performance and reduced GCP spend** by rightsizing compute, leveraging autoscaling, committed use discounts (CUDs), and monitoring cost anomalies.
- **Managed Kubernetes clusters (GKE)** including node pool scaling, cluster upgrades, workload identity, ingress setup, and container security best practices.
- **Established security best practices** including IAM least privilege, secret management (GCP Secret Manager), vulnerability scans, and network segmentation.
- **Collaborated with engineering teams** to streamline deployments, build self-service tooling, and improve developer productivity through automated workflows and templates.
- **Developed monitoring dashboards and proactive alerts** in Datadog & Google Cloud Monitoring to ensure service reliability, faster incident response, and reduced MTTR.
- Vertex AI for AI Agent to automate the build failures and security measures implemented with latest WIZ
- Automation with Python scripts & Yaml templates are the primary focus. Jira & Remedy integration for the ticketing tool
- Provisioning cloud resources through terraform in automated manner.
- Managed to run multiple production deployments as Site reliability engineer in AWS EKS & GCP gke clusters
- Helm chart upgrades for the latest release & tags.
- Predominately worked on programming languages of Nodejs & .Net applications to build & deploy in the clusters.

PROFESSIONAL EXPERIENCE - 02

iLink-MultiTech (Technical Specialist- DevOps Engineer) - from Apr'22 to Oct'24.

Client - Halliburton

- Acquired python knowledge extensively with web-scraping & data analysis with DSA alongside
- Automating data scraping from a cloud API. Debug errors with the NewRelic server to make better throughput and reduce errors. Analyze the server/browser issue with NewRelic agents.

- Extensively used Python Panda's libraries for Data Manipulation and Analysis & Data structures & Functions to make available access to the codebase.
- GitLab & terraform integrated scripts to create VMs and EC2 instance. Ansible automation - AWX Tower projects, Templates, Projects, Inventory and Extra variables.
- AppStream implementation in place of traditional ec2 instances with Stack Fleet & Image management of complete automation with Gitlab runners (Enormous cost reduction with On-Demand Fleet instance type).
- Worked on Istio, Jaeger, Kiali Dashboard, Service Mesh, Open ID connect, Side Car and Init Container. Ingress and Egress mapping for the Istio using Load Balancer. Helm charts, ArgoCD deployment with Kubernetes & Declarative GitOps CD Kubernetes and installation with the services deployed.
- DevSecOps to understand create customer images with Security and Followed the Security process, DAST scans & CAB approvals.
- Effectively worked on Azure Managed Instances, MySQL & AWS RDS for the database management systems. Auto Sync servers to sync across the different applications connected.
- PowerShell to automate the configuration management using Ansible. Automated Jenkins multibranch pipeline with Jenkinsfile. Open Earth Community (OEC) to hold all the project related resources.
- Rest API testing post microservices deployment with Postman. Okta & AD integration (Admin Access) and Horizon view (Connection Server / VIDM and Security server)
- Deployments, Hotfixes, Tagging the merged branch in the master. Kubernetes and Helm deployments across different subscriptions using Jenkins pipeline.
- JFrog repository and GitLab for the source and build maintenance.

PROFESSIONAL EXPERIENCE - 03

Kryptos Infotech (DevOps Engineer) from Sept '20 to Mar'22

Client - Filmio

- Automated the build process of deploying Micro frontend & Mono repo application (React app with npm) by AWS CI/CD pipeline using GitHub, code commit, code build, Buildspec.yml with prod environment variable, code pipeline & code deploy.
- Automated the CICD pipeline configuration with stages like Code Commit, Code pipeline. Code build, Code Deploy, S3 and CloudFront distributions using AWS Cloud formation template and created stack.
- Deployed in S3 bucket (Enabled static website) hosted in cloud front distributions.
- Worked on AWS Fargate (Serverless and scalable) & pipelined ECR to containerize applications and Docker File to build the custom docker image.
- Stored keys and environment variables with AWS secrets manager, key rotation policy and AWS key management system (AWS KMS). Worked on AWS SSO (Single sign-on) to integrate with 3rd party tool to access the environment with one master password. Having knowledge on 1password integration.
- AWS Certificate manager (ACM), CloudFront distribution (CDN) and Route 53 (DNS management) - adding record to the route53 from the ACM.
- Handled weekly scrum meetings with the client single handily and completed the deliverables on time.
- Showcased DEMO of the work completed to the CTO of Filmio. Effectively worked on multiple projects and multiple deliverables.

Client - FAB

- Configuration management - container-orchestration and hosted containerized application with the help of Kubernetes Opensource, EKS, ECS& Elastic Container Registry.
- Setup Datadog to Monitor system health, application performance, infrastructure metrics and vulnerability management and implement alerting and dashboards.
- Creation of Replica Set and Replication controller according to the services and labels with the use of match labels and match expressions. Configure Replica Set with latest set-based selector for the project.
- Deployed Daemon Set configuration for node monitoring daemons like collectd, log collection daemons like fluentd and storage daemons like ceph. Implemented Nginx based ingress controller provided by Kubernetes addons.
- Exposed the deployment with ClusterIP for internal service port and mapped the ServicePort, selector and name with created deployment to expose outside safe and securely.
- Hosted multiple APIs for same domain and multiple sub domains serving different paths with same port (Ingress controller resource) to respective specifications.
- Automate operational processes, including CI/CD pipelines, deployment strategies, and incident response.
- Integrated ConfigMap and Secrets for Config updates in the pod, secrets for the DB. secret during the creation of pod.
- Grouping of Kubernetes resources like Database, monitoring, pods, deployments, and Nginx ingress controller were used Namespaces.
- Configured the service, etcd, MySQL (DB), persistent volume and persistent volume claims for the stateful set deployment subsequently. Used volume mounts in the process. Extensive knowledge inworking with the Stateful set deployments.

PROFESSIONAL EXPERIENCE - 04

Sundirect TV Pvt Ltd (DevOps Engineer) from June'19 to Aug'20

- Extensively worked on Ansible inventory, Ansible roles and Ansible vault.
- Used ansible to automate patch management using playbooks for all the ec2 servers. Execution of copying and moving files from one server to another server using ansible playbooks.
- Worked on ansible modules like Win_shell, Win_get_url, Jenkins_job, Docker_module & Postgresql_table. Creation of ansible repo to install version of ansible on jump host.
- Experience in Configuring and Integrating the Servers with different environments to automatically provision and create new machines using ansible.
- Written the Ansible YAML scripts to configure the remote servers.

- Used Ansible Tower, which provides an easy-to-use dashboard and role-based access control, so that it's easier to allow individual teams access to use Ansible for their deployments.
- To achieve Continuous Delivery goal on high scalable environment, use docker coupled with load- balancing tool Nginx. Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.

PROFESSIONAL EXPERIENCE - 05

Hindi Software Solutions (DevOps Engineer) From May' 18 to May' 19

- Knowledge on Build tools backend like maven, Gradle & NAnt and frontend npm, yarn, Lerna, bower & node.js.
- Extensively configured the Jenkins plugins like credentials, credentials binding, maven, node.js, .net, git, SonarQube Scanner, publish over SSH, SMTP Authentication, SMTP port, Backup plugin and LDAP plugin.
- Hands on working with LDAP configuration. Configuration of Groups, Roles, and policies. Assigning users to Groups and Roles.
- Expertise in developing and managing build scripts for Java-based and Java-script based applications (i.e., Maven, Gradle, Node, Webpack)
- Expertise in scripted pipeline in Jenkins using groovy scripting and Parsing environment variables to the script. Groovy script parsing the tool attributes, parameters, post build actions to the build and using external groovy scripting.
- Highly experienced with implementation and installation of Jenkins, Ansible, Docker, git, Nexus artifactory and SonarQube.

Professional Technical Documentation

- Worked on RFP (Request for proposal) documentation with high level diagram (HLD) and low- level diagram (LLD) with components attached to it.
- Scope of work (SOW)- Scoping the RFP and providing the necessary solution and the implementation process.
- Re-Scope - Worked on rescoping of the document according to the client's requirement and added to the existing scope of work (SOW).
- Bill of materials (BOM) - List down of all the components or the process involved in the project in an excel sheet.
- Proposal document has all the requirements from scope of work, HLD, LLD, OOS (Out of scope) and the billing of individual resources.
- MOM - Capturing the 'minutes of meeting' of all weekly scrum meetings and sharing it across with the stakeholder's post client call.
- Hand over documents - prepared the handover documents with the workflow process and screen shots of the work the completed.

AWARDS

- Customer Centric Award - iLink Digital MultiTech
- Pinnacle Performer Award - Kryptos Technologies

EDUCATIONAL QUALIFICATION:

- BACHELOR OF ELECTRICAL AND ELECTRONICS ENGINEERING with 7.5 CGPA