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PROFESSIONAL SUMMARY:

Having 12+ years of experience in the IT industry. Results-driven **DevOps Architect** with extensive experience in designing, implementing, and managing scalable and secure cloud infrastructure across **Google Cloud Platform (GCP), Azure** and **Amazon Web Services (AWS)**. Proven expertise in automating CI/CD pipelines, application deployments, and infrastructure provisioning to drive efficient, high-quality software delivery cycles. Highly skilled in utilizing **Harness** to streamline and automate end-to-end deployment workflows, ensuring fast, reliable, and zero-downtime releases in multi-cloud environments.

- Experienced in IT Industry of Software Configuration Management, Build/Release Management as a **Devops Architect.**
- Expertise in **Google Cloud Platform (GCP)**, including services like **Compute Engine, GKE (Google Kubernetes Engine), Cloud Storage, BigQuery, Cloud Functions**, and **Cloud Pub/Sub**.
- Strong experience with AWS services, including **EC2**, **S3**, **Elastic Kubernetes Service (EKS)**, **Lambda**, **RDS**, **CloudFormation**, **CloudWatch**, and **IAM**.
- Developed scalable data pipelines using **Databricks** and Apache Spark technologies on Azure.
- Designed and implemented real-time data streaming applications using **Databricks** Delta Live Tables.
- I**ntegrated Databricks with Azure services** like Azure Data Lake, Azure Storage, and Azure SQL.
- Hands-on experience managing multi-cloud environments across GCP and AWS, optimizing the infrastructure for high availability, scalability, and cost efficiency.
- Expertise in **Harness** for managing and automating end-to-end CI/CD pipelines, enabling fast and reliable application deployments across multiple environments.
- Proficient in building scalable and secure **CI/CD workflows** with **Harness**, ensuring seamless integration with version control systems (GitHub, GitLab, Bitbucket) and cloud platforms (AWS, GCP).
- Implemented **automated approval workflows** within **Harness** to enforce policies and manual intervention where needed for governance and compliance.
- Developed high-performance SQL queries and stored procedures using Rapid SQL, enhancing application performance.
- Designed and implemented CI/CD pipelines using **Spinnaker**, reducing deployment time and increasing release frequency.
- Developed automated rollback strategies using **Spinnaker** to quickly revert deployments in case of failures, minimizing downtime.
- Utilized Rapid SQL for database administration tasks, including monitoring, maintenance, and security management.
- Utilized **Postman** to design, develop, and test RESTful APIs, ensuring seamless integration and functionality.
- Created automated test scripts in **Postman** to validate API endpoints, improving test coverage and efficiency.
- Managed PostgreSQL databases using **PgAdmin**, including tasks such as querying, indexing, and backup/restore operations.
- Optimized database performance by analyzing query execution plans and making necessary adjustments in **PgAdmin**.
- Expertise in **Docker** for containerization, building and managing containerized applications across multiple cloud environments.
- Designed and managed complex workflows using **ControlM**, improving process efficiency and reliability.
- Developed and maintained **Autosys** job schedules to automate repetitive tasks, enhancing operational efficiency.
- Proficient in **Kubernetes**, particularly with **EKS** and **GKE**, for orchestrating, scaling, and managing containerized workloads using **Helm**, **kubectl**, and **Kustomize**.
- Familiar with deploying and managing serverless workloads using **AWS Lambda** and **Google Cloud Functions**.
- Experience with **Flux** and **GitOps** workflows to automate application deployments and configuration management across GCP and AWS environments.

- Expertise in setup and manage Kubernetes cluster on GCP and AWS by using tools like kops, kubectl, awscli, gcpcli and cloudshell.
- **Certified AWS Solutions Architect** with a proven track record of designing and deploying scalable, highly available, and fault-tolerant systems on AWS.
- Expertise in setting up and maintaining CI &CD pipeline using tools like Jenkins, Harness, SonarQube, GitHub and Jfrog artifact repository's.
- Configured Jenkins and Harness jobs, **install plugins** for generating project artifacts.
- Performing build activities by using **Maven**, created and modified build configuration files including **POM.XML**. Dependencies and automation.
- Experience in Continuous Integration (CI) setup. Installed Jenkins and Harness, **created build jobs,** set up **distributed builds** using Jenkins **master/slave** concepts, **plug-in** installation backup using **Jenkins.**
- Experience in automating, building, deploying, and releasing of code from one environment to other environment like **Dev, QA,stage, Cust Dev &stage, PreProd.**
- Worked extensively with development teams, **QA,** deployment team and build and release to various environment and maintenance.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Scrum, Agile** methodology.
- Expertise in securing cloud resources using **IAM**, **Role-Based Access Control (RBAC)**, and **Identity Federation** across both GCP and AWS.
- Experience in managing security configurations using **AWS Config**, **AWS Security Hub**, **Google Cloud Security Command Center**, and **Wiz** for vulnerability management.
- Picking the right product in the multiple products using **Python** script and validate it and deploy to the target environments.
- Fetch the application jar file from Nexus repository using **Python**.
- Automated setting up server infrastructure for the DevOps services, using Ansible, shell and **Python** scripts.
- Designing and implementing CI (Continuous Integration) system: configuring Jenkins Servers, Jenkins nodes, creating required scripts using **Python**, and creating/configuring VMs (Windows/Linux).
- Experience in optimizing cloud resource utilization through **right-sizing** and **capacity planning**.
- Good knowledge on Monitoring and Ticketing tool, ServiceNOW, JIRA.
- Works collectively with the entire operations and development teams to monitor stability and performance to ensure 24/7 availability of critical services.

TECHNICALL SKILLS:

Core Skills	DevOps Tools, Linux/Unix
Cloud Platform	GCP, AWS, AZURE
Infrastructure Provision	Terraform
Build Tool	Maven, Ant
CI /CD	Jenkins, Harness, GKE, ArgoCD, GitHub Actions, GitLab CI/CD
Version Control Tools	GIT, GitHub, Bitbucket
Container Orchestration	GKE, EKS, AKS, Kubernetes
Security	IAM, Firewalls, VPC
Containerization Tool	Docker With Kubernetes
Configuration management Tool	Ansible, Terraform, Chef
Artifact Repository	JFrog, S3, Nexus, AWS ECR
Application Servers	Apache Tomcat, Nginx
Scripting Languages	Shell Scripting, Python, Power shell, Golang
CodeQuality (continuous inspection)	SonarQube
Bug Tracking Tool	JIRA, ServiceNOW
Logging &Monitoring Tools	Splunk, OpenSearch, Grafana , Prometheus
Operating Systems	Windows, Linux
Certifications	AWS Certified Solutions Architect

PROFESSIONAL EXPERIENCE:

Client: Transunion
Duration: May 2024 to Present
Role: Azure DevOps Engineer

- Designed and deployed scalable cloud infrastructure on GCP and AWS, utilizing services like Compute Engine GKE, cloud storage, EC2 and EKS for high availability and cost optimization.
- Built a fully automated CI/CD pipeline for a microservices based application using Google Cloud Build, GKE.
- Integrated Jenkins with GCP to automate build, test and deployment processes, ensuring faster delivery of new features and reducing deployment errors.
- Integrated Harness with GitOps practices and Kubernetes (EKS/GKE) for seamless deployment and management of containerized applications in a multi-cloud environment.
- Implemented and managed Kubernetes clusters on Google Kubernetes Engine (GKE) for efficient container orchestration, ensuring high availability and fault tolerance across multiple environments.
- Configured and deployed Flux CD for continuous delivery to automate and streamline the management of Kubernetes workloads on GKE, ensuring consistency and speed in application deployment.
- Implemented Dynatrace monitoring solutions to enhance system performance and reduce downtime.
- Developed custom dashboards in Dynatrace to provide real-time insights and proactive alerts for critical applications.
- Set up and maintained Wiz security platform for GKE, enabling proactive vulnerability management and compliance monitoring to ensure the security and integrity of cloud-native applications and infrastructure.
- Designed and implemented automated workflows using Flux, GKE, and Wiz to continuously monitor and patch security vulnerabilities in Kubernetes clusters, improving overall cluster security posture.
- Designed and optimized SQL queries and stored procedures to improve database performance.
- Created interactive PowerBI dashboards to visualize DevOps metrics, enabling data-driven decision-making.
- Developed custom reports in PowerBI to track key performance indicators (KPIs) and identify areas for improvement in the DevOps lifecycle.
- Designed and implemented infrastructure as code using **Terraform**, enabling automated, consistent, and repeatable infrastructure provisioning.
- Integrated **Terraform** with CI/CD pipelines (e.g., Jenkins, GitLab CI) to automate infrastructure deployment and improve deployment efficiency.
- Utilized version control systems (e.g., Git) to manage **Terraform** configurations, ensuring traceability and collaboration among team members.
- Developed reusable **Terraform** modules to standardize infrastructure components and promote code reusability across projects.
- Integrated SQL databases with CI/CD pipelines, ensuring seamless data flow and consistent application deployments.
- Collaborated with DevOps and development teams to design and maintain efficient CI/CD pipelines within Harness, enabling faster code delivery cycles and improved developer productivity.
- Version control tool administration: set up git server, creating new repositories, adding new user to the repositories, creation of new version-controlled branches, troubleshooting version control tool errors.
- Created Branching, tagging of code delivery at required releases.
- Checking Git logs & Resolving Git conflicts issues
- Creating War/Jar files using Maven, Continuous integration using Jenkins
- Supported product release management and patch set release.
- Experience in setting up Jenkins from scratch and maintaining it.
- Creating jobs using Jenkins. Manage installations of node, deployment configuration.
- Released builds to complete testing and review, Continuous integration using Jenkins.
- Performed Continuous Build and deployments to multiple environments like Dev, QA, and Staging.
- Providing solutions to developers for check-ins, checkouts, build failure related issues.
- Interacting with developers to sort out issues related to Build Automation.
- Configuring Docker Containers and Creating Docker files for different environments.
- Deployed various applications through Docker containers.

- Create and establish build process using Maven to perform builds efficiently and deployment of the application in Tomcat.
- Monitoring the builds using Continuous Integration tool like Jenkins, Harness.
- Used Docker for setting up application specific container to the Testing environment on the Developer environment. Deploying the
- Apps are deployed to multiple heterogeneous environments (development, test, UAT, staging, Cust Dev, production)
- Hands on experience docker registry to application itself and then deploys the whole image as one "atomic" script with no Zero downtime rollouts
- Performing the scaling application with the help of Kubernetes using Kubernetes services
- Worked on the GCP and Aws Resources for the migrating from on premises to Cloud Environment.
- Writing playbooks to setting up complete application stack which includes services like Apache, Tomcat, MySql, and Nginx.
- Creating Volumes and taking snapshots and attaching Volumes to the instances on demand.
- Setting & managing artifact storage & management backups to S3 bucket trough command line interface.

Client: WPP
Duration: Sep 2021 to May 2024
Role: Azure DevOps Engineer

- Created a continuous, automated build process that checks the source code, identifies build errors, and notifies the appropriate parties to speed up/facilitate synchronization to the most recent build.
- Integrated AWS Code Deploy and configured Blue/Green Deployments for Zero application downtime.
- Proposed branching strategies for using Version Control Systems Git and Created branches, performed merges, pushing code to central repository.
- Created a Nagios instance to help monitor the production provider which gave business deep inside into the overall health of the production environment.
- We manage the configuration of multiple machines and infrastructure on AWS cloud using Terraform and Cloud Formation.
- Developed and deployed end-to-end CI/CD pipelines using GitHub Actions, automating code testing, building, and deployment across multiple environments ensuring faster release cycles and high-quality software delivery.
- Created custom workflows with GitHub Actions YAML files, leveraging reusable jobs and steps for tasks.
- Designing and implementing CI (Continuous Integration) system: configuring Jenkins Servers, Jenkins nodes, creating required scripts using Python, and creating/configuring VMs (Windows/Linux).
- Wrote Ansible playbooks in Yaml to manage configurations, Orchestrations and deployments to remote machines.
- We deploy the application and deliver them as containers on the platform Kubernetes and end of the day we are taking care of monitoring these applications on Kubernetes that I deployed as containers and we also monitor Cloud Infrastructure.
- Experience in setting up the build and deployment automation for Terraform scripts using Jenkins.
- Worked with NoSQL database MongoDB, performing various operations.

Client: SONY
Duration: May 2015 to Sep 2021
Role:Azure DevOps Engineer

- Configured and Implementing CI/CD (Continuous Integration/ Continuous Delivery) framework using Azure Pipelines.
- Created and configured VM's and Virtual Network.
- All the machines are Ubuntu servers created on Microsoft Azure.
- Created and Maintained pipelines to manage the IAC for all the applications.
- Assigned RBAC Roles using Organization Active Directory Confidential the subscription Level to grant accesses only to required members based on Least-Access privileges.
- Acted as Build and Release Engineer, deployed the services by Azure DevOps pipeline.

- Created Azure services using ARM templates (JSON) and ensured no changes in the present infrastructure while doing incremental deployment.
- Worked on implementing backup methodologies by power shell scripts for Azure Services like Azure SQL Database, Key Vault, Storage Blobs, App Services etc.
- Benefit of using Azure DevOps is no need to depend on open source and third-party tools, everything provided by Microsoft Azure. It helps reducing of time and quickly deploy latest application changes to production for accessing customers.

Client: Sports195
Duration: Sep 2013 to May 2015
Role: DevOps Engineer

- Passionate about new knowledge and innovation. Ability to grasp technical concepts quickly and apply that knowledge to DevOps efforts within the team.
- Created a continuous, automated build process that checks the source code, identifies build errors, and notifies the appropriate parties to speed up/facilitate synchronization to the most recent build.
- Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI's.
- Implemented new Docker container creation process for each GitHub branch gets started on Jenkin as Continuous Integration server.
- Managed Maven scripts to automation of build process on MAVEN build tools to test the application manually and run the Junit test suites in TDD.
- Created Docker container images by tagging and pushing the images.
- Strong knowledge of the HTTP protocol and ability to understand decipher the HTTP conversation.

EDUCATION:

Bachelor of Technology in Electronics and communication Engineering (ECE)
Jawaharlal Nehru Technological University Anantapur, IN   Aug 2013