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CAREER OBJECTIVE:

As a highly skilled Cloud Engineer, I bring a wealth of experience and a solid track record in optimizing cloud infrastructure and supercharging system performance. My expertise spans across various Linux distributions, Windows environments, and a wide array of cloud technologies, with a particular emphasis on AWS and Azure. I've not only successfully orchestrated Kubernetes clusters across multiple platforms but also possess the unique ability to craft custom tools that revolutionize monitoring, logging, and deployment processes, ultimately fortifying system reliability within a DevOps framework. Additionally, I boast extensive proficiency in setting up Azure and AWS environments, harnessing the power of Azure DevOps and AWS services, and leveraging cutting-edge containerization technologies. My standout quality lies in my ability to seamlessly collaborate with development, testing, and security teams, as evidenced by my aptitude for implementing secure software development practices. But I don't stop there. I'm committed to continuous learning, ensuring that I stay agile and responsive in the ever-evolving tech landscape.

TECHNICAL SKILLS:

- Linux (various distributions)
- Kubernetes (AKS, EKS)
- DevSecOps
- Infrastructure as a code (Terraform, ARM, AWS CloudFormation)
- AWS Database Services
- Incident Response & Problem Management
- Log Analysis and Monitoring
- AWS Cloud Infrastructure
- Azure Cloud Infrastructure
- AWS Security & AWS Cloud Storage
- Build Tools: Maven, Docker, Ant, Gradle, MS Build, CMake
- AWS Cloud Storage
- Regulatory Compliance
- GitHub, Git, GitLab
- Communication and Team Collaboration
- Azure DevOps
- Configuration Management Tools (Ansible, Puppet)
- Cloud Computing
- Prometheus and Grafana Monitoring
- ELK (Elasticsearch, Logstash, Kibana) stack Log Monitoring
- Experience with other monitoring tools like Splunk, Dynatrace
- Project Management and Implementation
- Continuous Learning

EXPERIENCE BACKGROUND

Snr Solutions Architect /DevOps

Latrims Solution Full-time

August 2022 – Till date

- Optimize AWS Lambda function memory allocation to streamline code execution and boost performance, taking advantage of AWS's capabilities.
- APIs for monitoring and managing resources, enabling you to collect metrics, set up alerts, and perform administrative tasks programmatically.
- Worked in all areas of Jenkins setting up CI for new branches, build automation, secure Jenkins, setup repository on Azure Git,
- Azure BICEP Declarative syntax used to deploy azure resources

- Implemented Azure infrastructure as code via Terraform AzureRM provider, Repos, and Pipelines within Azure DevOps.
- Employ Terraform for the automated orchestration of managed Kubernetes clusters across diverse cloud platforms, along with the automated deployment of applications within these clusters.
- Utilized Dynatrace in detecting issues early.
- Create and configure an Azure environment, which includes setting up an Azure account, provisioning virtual machines and storage, and fine-tuning networking and security parameters.
- APIs to define infrastructure configurations in code.
- Azure data factory to create, schedule and orchestrate data work flow.
- Optimized SQL queries and database schema to improve application performance and reduce response times by 40%.
- Pioneered deployment and management of Docker Containers with Kubernetes or Docker swarm as Orchestrator (AKS), optimized clients' cloud infrastructure, created processes to enhance operational workflow, and provided positive client impact.
- Develop custom TypeScript tools and utilities to improve the efficiency of monitoring, logging, and deployment processes, thereby enhancing system reliability and operational efficiency in a DevOps context.
- Java to manage containerized applications effectively
- Utilized Dynatrace it in detecting issues early
- ServiceNow Provides Restful API, that used to interact with the platform programmatically.
- Used Dynatrace to monitor cloud-native environment, microservices, containers and Application Performance
- Hashicorp Used to configure and scale resources in cloud environment on premises data centers
- Proficiently deploy, configure, and manage Apache Spark clusters to facilitate efficient processing of big data and analytical tasks.
- Utilize Azure DevOps for end-to-end application lifecycle management, including deploying applications on Azure using tools like Azure App Service and Azure Kubernetes Service.
- SQL queries to interact with relational databases to retrieve, update and manage data.
- Used Datadog to consolidate logs from different resources, making it easier to search, analyse and correlate logs.
- Apply Python within containerization technologies such as Docker and Kubernetes to create and oversee containerized applications.
- Collaborate closely with development, testing, and security teams to establish and maintain secure software development practices as an integral part of DevSecOps methodologies.
- Use tools like Terraform or AWS CloudFormation to provision Cassandra clusters and associated resources in a repeatable and consistent manner.
- Databricks provides unified analytics solutions for big data processes, data science and machine learning.
- responsible for deploying Pub/Sub systems like Apache Kafka, RabbitMQ, or Google Cloud Pub/Sub.
- Assisted with database administration tasks using MySQL and PostgreSQL.
- Integrated Dynatrace into Devops Pipeline, to streamline deployment, and ensure the reliability and scalability of Application.
- Implemented a comprehensive suite of security tools and methodologies to automate security testing, integrate security throughout the development pipeline, and identify and address vulnerabilities within the DevSecOps team.
- Used Phyton with IaC
- Conduct the review of key Information Technology General Controls (ITGC's) such as Access Controls, Change Management, IT operations, backup, data integrity testing, segregation of duties and environmental controls around the data center.
- Spring boot to build robust, Scalable and maintainable RESTful APIs in Java with minimal boilerplate code and configuration.
- Lead the construction of the entire Kafka environment, including designing, planning capacity, configuring clusters, optimizing performance, and continuously monitoring the system.
- Used Terraform and Ansible for automating deployments, monitoring, management and incident response for the platforms.
- OpenShift to collaborate between development and operation teams, to provide a consistent and automated way to build.
- Used GCP for cloud build to manage service to automate the building, testing and deployment of application

Snr Solutions Architect/ DevOps Engineer

Snapnet Solutions (Contractor)

November 2024 – May 2025

- Implemented and debugged ISTIO service mesh injected in a large microservices-based cluster. Migrated a spring boot testing tool onto AKS, automated docker image builds stored in ACR.
- Designed and implemented cloud-based solutions using Azure for a financial services company, resulting in a 40% increase in system reliability and a 25% reduction in operational costs.
- Implemented Azure pre and post event scripts for automatic updates, boosting software deployment speed by 70%.
- Implemented encryption for data at rest and in transit using Azure Key vault, enhancing data security by 30%.
- Reduced downtime risk by 70% by redesigning the system architecture, dividing it into microservices running on Azure App services.

- Orchestrated microservices deployments on AKS, improving application resilience by 30%.
- Built and improved CI/CD Jenkins pipelines with Groovy and Terraform syntax. Restructured Calypso deployment pipeline, packaged web application resources into Nexus to reduce deployment time by almost an hour
- Implemented Infrastructure as Code (IaC) tools such as Terraform and Ansible to automate cloud-based deployments, reducing deployment time by 50% and minimizing human error.
- Led the successful migration of critical systems to a Kubernetes-based architecture, resulting in a 20% improvement in deployment efficiency and a 15% reduction in resource costs by leveraging containerization.
- Engineered a fault-tolerant logging pipeline using Elasticsearch and Fluentd, processing over 100TB of data daily, which decreased incident detection time by 40% and enhanced system reliability.
- Crafted Python and Bash scripts to automate routine tasks, improving process efficiency.
- Integrated real-time log analytics with Datadog across the application stack, increasing the observability and aiding in reducing mean time to acknowledgment by 20%.
- Designed and implemented a GitLab CI/CD pipeline for a critical application, reducing deployment time by 50% and improving overall system reliability by 30%
- Streamlined deployment processes with the introduction of CI/CD pipelines via Jenkins, improving deployment frequency by 100% and reducing lead time for changes.
- Utilized Prometheus, Grafana, Datadog for enhanced application monitoring, reducing incident response time by 60%.

DevOps Engineer

Devtigrate Contractor

March 2024 - May 2024

- Led the adoption of infrastructure as code (IaC) using Terraform, resulting in a 30% reduction in environment provisioning times across key product lines.
- Developed shift left by analyzing deployment YAML using Trivy to identify Critical flaws and reveal Secrets beforehand publishing to production.
- Our shift-left initiatives resulted in a 58% decrease in critical sensitivity in production systems.
- Automated Kubernetes cluster application development, maintenance, and debugging.
- Configure and administer Kubernetes clusters, pods, services, and migrations using scripts and Terraform.
- Investigate and fix a variety of Kubernetes pod, implementation, and service bugs.
- Provide network troubleshooting and managerial support for software development personnel using Azure Cloud and Linux servers.
- Documented Kubernetes apps, object structure, updates, concerns, and issues for future reference.
- Designed and executed a comprehensive monitoring strategy using Prometheus, increasing system observability by 40% and reducing incident response time by 20%.
- Pioneered a custom logging and alerting framework using Azure Monitor, enhancing security compliance and audit capabilities across the organization.
- Implemented Azure Active Directory (Azure AD) for single sign-on (SSO) and achieved a seamless authentication process
- Led CI/CD processes across 15+ projects, shortening release cycles by 35% using Jenkins, Docker, CircleCI, ArgoCD, and Helm for multi-cluster environments, enabling sanity via rigorous automated tests.
- Wrote Unix shell scripts (Python, Bash) for day-to-day system administration activities
- Implemented a real-time data processing pipeline using Apache Kafka and Python, enabling seamless integration of multiple data sources and improving data accuracy by 30%.
- Optimized the performance of a critical Python application, reducing response times by 40% and enhancing the overall user experience.
- Incorporated Ansible and Shell scripts to automate tasks, resulting in a productivity boost of 35%
- Designed and Implemented backup and recovery solutions using Azure Backup Server, reducing data recovery time by 40%
- Automated deployment of infrastructure using Azure Resource Manager (ARM) templates saving 30% time

Key Achievements

- Successfully reduced claim adjudication timelines by up to 85% through process automation and security enhancements.
- Led the secure migration of over 100 applications to multi-cloud environments, ensuring compliance and protection for sensitive healthcare data.
- Developed and implemented SOC/NOC frameworks that improved incident response times and reduced security vulnerabilities across complex IT environments.

DevOps Support Engineer

Tek Experts

July 2022 - May 2023

- Redesigned Azure Landing Zone using Terraform, Bicep, and Azure Blueprints to enforce IaC-based provisioning across subscriptions.
- Built multi-region disaster recovery architecture using Azure Site Recovery, Traffic Manager, and Load Balancer with active-active routing.
- Implemented hub-and-spoke network topology with VNet peering and centralized logging for 3 environments (dev, staging, prod).
- Automated provisioning of Management Groups, RBAC, tagging policies, and diagnostic settings for consistent governance.
- Integrated Azure Policy and Cost Management modules to enforce tagging standards and reduce billing discrepancies by 20%.
- Deployed reusable Bicep modules for common resources (VMs, storage, VNets), increasing deployment speed by 60%.
- Enabled geo-redundant storage and regional failover tests, reducing RTO from 6 hours to <1 hour for tier-1 workloads.
- Migrated 50+ legacy workloads with zero downtime using pre-validated Terraform plans and deployment slots in Azure DevOps.
- Enabled Azure Monitor, Activity Logs, and Log Analytics across subscriptions for consolidated observability and auditing.
- Reduced manual provisioning time from 4 days to a few hours and brought DR readiness in line with business continuity goals.

System and Cloud Admin

Detrexx Continental Services

February 2021 - June 2022

IT support

Outcess Solutions (intern)

February 2018 - December 2020

EDUCATION QUALIFICATION:

- B.Sc., Physics from Landmark University (**2015 - 2020**) BSc in Physics.

CERTIFICATION:

- **azure fundamentals az-900 Certification.**
- **Azure 104 Certification.**
- **MCT (Microsoft Certified Trainer)**
- **Azure Devops certification**
- **Azure Solution Architect certification**