

JOB OBJECTIVE

Experience **DevOps & Cloud Engineer** mainly focused on enhancing operational processes, specializing in **CI/CD frameworks, Infrastructure as Code (IAC), cloud-native architectures, Automations, orchestration, & containerization**, with a strong emphasis on **AWS & Azure** cloud technologies.

CORE COMPETENCIES

- CI/CD Pipeline Implementation
- Infrastructure as Code (IAC)
- Cloud Computing Platforms
- Containerization and Orchestration
- Monitoring and Logging
- Automation and Scripting
- Security and Compliance
- Version Control & Artifact Management
- Database Management & Replication
- Cloud Cost Optimization & Resource Management
- Cross-functional Team collaboration
- Troubleshooting
- Team Mentoring
- Problem-Solving

EDUCATION

- B.E/B-Tech, Specialization from BIT College of Engineering, Chandrapur, 2019

TECHNICAL SKILLS

- Automation & CI/CD: Jenkins, Ansible, GitHub, GitLab, Argo CD, GitOps, Docker, Helm, Kubernetes
- Cloud Platforms: AWS (EKS, ECS, EC2, ECR, Lambda, S3, RDS, DynamoDB, CloudWatch), Azure (AKS, VMs, Azure Key Vault, ACI, Azure Pipeline)
- IAC & Configuration Management: Terraform, Ansible, CloudFormation
- Programming & Scripting: Python, Bash, Groovy, PowerShell
- Operating Systems: Linux, Unix, Ubuntu, RedHat
- Databases: MySQL, MongoDB, Redis, PostgreSQL

PROFILE SUMMARY

- **Bringing over 3+ years of hands-on experience** as a DevOps Engineer with a focus on **automation, cloud-native solutions, and CI/CD pipeline management**, driving improvements in deployment speed, resource optimization, and security across multi-cloud environments (AWS & Azure) using tools like **Jenkins, GitLab, Ansible, Terraform, and Kubernetes**.
- **Automating cloud infrastructure** provisioning with **Terraform, CloudFormation, and Ansible**, reducing provisioning time by 60% while ensuring consistent environment setups across **AWS** (EKS, ECS, EC2, ECR) and **Azure** (AKS, Key Vault, Azure Pipeline) to enhancing cost-efficiency and operational agility.
- **Managing Kubernetes clusters** on **AWS EKS** and **Azure AKS** to optimize resource utilization by 30%, with proficiency in **Docker** orchestration, containerization, and real-time monitoring via **Prometheus** and **Grafana** for improved system availability and performance.
- **Driving system security and performance monitoring** through **ELK Stack, AWS CloudWatch, and Trivy**, automating vulnerability scans to diminishing high-severity risks and streamlining incident response with real-time alerts and detailed event tracking.
- **Enhancing DevSecOps practices** with automated compliance checks, security auditing, and cloud resource provisioning using **Python, AWS SDK, and Azure SDK**, while integrating **generative AI** to optimize cloud resource management and improve operational efficiency by 30%.
- **Deploying serverless architecture** with **AWS Lambda, Azure Functions, and CloudFormation**, leading to an 80% cut down in operational costs and improved system scalability without traditional infrastructure management.
- **Implementing advanced security protocols** through **IAM policies, network ACLs, and WAF integration** with **CloudFront**, achieving 99.99% uptime for critical services and assure compliance with stringent security standards.

WORK EXPERIENCE

Dec'2020 to Present: DevOps Engineer at Synechron, Pune

- **CI/CD Pipeline Optimization:** Enhancing and automating CI/CD pipelines with Jenkins & GitLab, GitOps with Argo CD & Flux for microservices and multi-tier architectures, increasing deployment efficiency by 20% and decreasing time-to-market.
- **Infrastructure Automation & Management:** Automating the provisioning and management of multi-cloud orchestrations using Terraform and CloudFormation, enhance state management, Improved provisioning time by 60% and insure scalability and consistency across environments.
- **Docker & Kubernetes Orchestration:** Managing Docker orchestration with Kubernetes on AWS EKS, Azure AKS, and on-premises, providing efficient resource utilization and improving the management of containerized applications by 30%.
- **Security & Compliance Automation:** Automating security auditing, compliance checks, and vulnerability scanning with tools like Python, IAM policies, and Trivy, lowering critical vulnerabilities by 40% and integrating SonarQube for continuous code quality inspection.
- **Cloud Automation & Deployment:** Leveraging Ansible, Python scripts, and AWS SDK to automate cloud deployments and resource creation, validating consistent and secure environments, to drop manual efforts by 60%.
- **Monitoring & Incident Management:** Leading the integration of Prometheus and Grafana for real-time system tracking, developing 50+ alerts and dashboards, decreasing incident response time by 40%, and increasing system performance visibility by 60%.
- **Serverless Architecture & Cost Optimization:** Designing and deploying serverless architectures using AWS Lambda and CloudFormation, cutting operational costs by 80% while improving scalability, robust security and minimizing manual intervention.
- **Database & Data Management:** Managed MySQL/PostgreSQL database clusters, deploying and maintaining master-slave replication to ensure high availability. Proactively troubleshoot issues, reducing downtime by 30%, and optimized database performance through continuous monitoring and fine-tuning, resulting in a 25% improvement in query efficiency.

- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, CloudWatch
- **Security & Compliance:** SonarQube, Trivy, IAM policies, vulnerability scanning, OWASP
- **Collaboration Tools:** Jira, Agile, Git, Slack
- **Generative AI:** ChatGPT & Claude

ACHIEVEMENTS

- Successfully reduced high-severity vulnerabilities by 40% through automated vulnerability scanning with Trivy.
- Led cross-functional teams to reduce mean time to resolution (MTTR) by 35% in troubleshooting build and deployment issues.
- Achieved a significant milestone by automating deployment processes, resulting in a 30% increase in deployment frequency and a marked improvement in team productivity at Synechron.
- Actively contributed to the development of internal tools that streamlined operational workflows, reducing manual intervention and increasing overall efficiency.

- **Logging & Performance Analysis:** Implementing ELK Stack (Elasticsearch, Logstash, Kibana) for centralized event tracking and real-time performance analysis, streamlining alerting and troubleshooting to enhance system reliability.
- **Security Enhancement & Data Protection:** Configured and managed AWS Key Management Service (KMS) to encrypt sensitive data across services such as S3 and RDS, guaranteeing compliance with security standards and protecting data integrity.
- **Build Automation & Artifact Management:** Creating and managing Jenkins jobs for automated build processes, configuring distributed builds, and integrating Nexus Repository for artifact versioning, improving build reliability and deployment efficiency.
- **Cloud Networking & Resilience:** Integrating optimized VPC peering, configuring health checks and failover settings in Route 53, ensuring 99.99% uptime for critical services, and optimizing network latency by 20%.
- **Patch Management & System Updates:** Managing system and application patching, providing regular updates for improved security and performance across multiple environments (Linux, Unix, Windows).
- **Security Policies & Threat Detection:** Developing custom rules for AWS Web Application Firewall (WAF), integrating with CloudFront for advanced threat detection, and Improved network security by implementing IAM policies, security groups, and network ACLs.
- **Generative AI Utilization:** Predicting system performance and proactively address potential issues. Developed AI-driven scripts to automate routine tasks, such as cloud resource optimization and configuration adjustments, resulting in a 30% improvement in operational efficiency.

Projects

Loblaws Inc: Nov 2023 – Present

Configured, Maintained, deployment and Automate CI/CD pipeline using Jenkins, Ansible, Docker, Kubernetes, Git & GitOps. Worked closely with AWS Managed Identities to Integrate AWS Services. Managed Docker orchestration and Docker containerization using Kubernetes. Implementing CI/CD for Multi-Tier Architecture Micro Services using Argo CD. Experience in Installing, Configuring, Managing Argo CD(GitOps) for Continuous Delivery (CD) of Micro Services. Improved the release efficiency by 20% by introducing the CI/CD best practices such as GitOps. Implemented the Cloud Functions in Python to trigger the Serverless Functions (Architecture). Setting up the Jenkins Infra and Integrating it with Auto Scaling. Experience in using Ansible as primary automation tool in Configuration Management to manage 100+ several environments. Experience with Linux, Automation, scripting (ansible, bash, groovy).

Financial Services: May 2022- Oct 2023

Configured, Maintained and Automated CICD pipeline using Ansible, Maven, Jenkins & GIT. Implemented testing environments for Kubernetes and administrated the Kubernetes clusters. Created playbooks in Ansible for configuration and Deployment activities. Set up the Nexus Repository for deploys the artifacts. Performed Build activities using Maven and Jenkins tool. Experience in Python to Create resources on AWS Platform using AWS SDK. Created and provided IAM access to the users & managing its policies. Integrated GitHub with Jenkins by auto triggering process. Automated AWS cloud deployments using PowerShell script and Ansible.

Cambia Health: Jan 2021- Apr 2022

As Junior DevOps Engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from Git repository. Experience in creating Jenkins jobs, plug-in installations, setting up distributed builds using MasterSlave. Configured Jenkins with maven build tool in generating warear files and archived them. Interacting with developers to Resolving Issues related to Build Automation. Managing Jenkins artifacts in Nexus repository and versioning the artifacts with time stamp. Created the VPC's, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created. Troubleshoot Daily operational issues in AWS

PERSONAL DETAILS

Address : Nagpur, India
Language Known : English, Hindi
Date of Birth : 17/12/1990