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### Professional Summary

**Cloud & DevOps Engineer** with ~3 years of experience in AWS, RHEL, and DevOps automation. Skilled in **cloud infrastructure**, **CI/CD pipelines**, **containerization**, and **hybrid deployments** with **Red Hat OpenShift (ROSA)**. Proven expertise in **Terraform**, **Docker**, **Kubernetes**, **Linux**, and **Cloud Security**, enabling **faster releases**, **resilient infrastructures**, and **cross-cloud observability**. Currently pursuing **AWS**, **Kubernetes**, **Terraform**, and **Red Hat OpenShift** certifications to advance **hybrid/multi-cloud DevOps** capabilities.

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### Core Skills

- **Cloud Platforms:** AWS (EC2, S3, RDS, IAM, Lambda, CloudFront, API Gateway, DynamoDB, SNS), Red Hat OpenShift Service on AWS (ROSA), Google Cloud Platform
  - **Operating Systems:** RHEL (Red Hat Enterprise Linux), Ubuntu, CentOS
  - **DevOps & Automation:** Terraform, Ansible, Chef, Puppet, Helm, Jenkins, GitHub Actions, Docker, Kubernetes (ROSA, GKE)
  - **Monitoring & Security:** AWS CloudWatch, ELK Stack, GCP Logging, IAM, GuardDuty, Inspector, RHEL system logging & SELinux
  - **Scripting:** Python, Bash, Shell
  - **Databases:** MySQL, PostgreSQL, SQL Server
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### Professional Experience

**Associate Engineer (Linux, Networking & Cloud Projects)**

**ZKTeco Biometrics Pvt Ltd | Oct 2022 – Present**

- **Automated CI/CD pipelines** using **Jenkins**, **GitHub Actions**, and **Docker**, reducing **release errors** by **40%** and enabling daily deployments.
  - **Migrated 3 legacy databases** to **AWS RDS** with **zero downtime**, improving availability for **20K+ users**.
  - Designed **reusable Terraform modules** for **AWS (VPC, EC2, RDS)** with **S3 + DynamoDB remote state locking** → reduced **provisioning time** by **70%**.
  - Managed **RHEL-based server environments** (**user management**, **security hardening**, **patching**, **system monitoring**).
  - Deployed **containerized workloads** on **Red Hat OpenShift Service on AWS (ROSA)**, enabling **hybrid cloud** and **GitOps-based** deployments.
  - Developed **multi-cloud deployment strategies (AWS + GCP)** for workload resiliency and disaster recovery.
  - Enhanced system security with **IAM policies**, **GuardDuty**, **SELinux**, and **centralized logging**.
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### Key Projects

- **CI/CD Pipeline (Jenkins + Docker + GitHub Actions)** → **Automated microservice deployment**; reduced cycle time from **2 hrs** to **30 mins**.
- **Terraform AWS Infrastructure** → **Modular IaC templates** for **VPC, EC2, and RDS**; integrated remote state (**S3 + DynamoDB**).
- **Hybrid Cloud Deployment (ROSA + AWS)** → **Managed Kubernetes workloads** on **OpenShift (ROSA)**; enabled **GitOps workflows**.
- **RHEL Server Automation** → **Automated user/group management**, **firewall rules**, and **patching** with **Ansible**.

- **Serverless APIs (AWS Lambda + API Gateway) → Built REST APIs with IAM-secured endpoints.**
  - **Cross-Cloud Monitoring (AWS + GCP) → Centralized logs with ELK for faster incident response.**
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### **Certifications**

- **AWS DevOps & Cloud Essentials – Coursera**
  - **Bash Scripting & Linux Administration – Udemy**
  - **Advanced Testing with AWS DevOps Tools – Coursera**
  - **Certified Kubernetes Administrator (CKA)**
  - **HashiCorp Terraform Associate**
  - **Red Hat Certified Specialist in OpenShift Administration (EX280)**
  - **Red Hat Certified DevOps Engineer**
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### **Education**

**B.E. in Electronics & Communication Engineering**

**KLS Vishwanath Rao Deshpande Institute of Technology | 2019–2022 | CGPA: 8.37/10**

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