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**PROFESSIONAL SUMMARY**

| Senior DevOps Engineer | Driving Scalable Solutions, Cloud Infrastructure, and CI/CD Pipeline Automation |

* 8+ years of experience in DevOps, cloud infrastructure, and automation across AWS environments (e.g. Designing and managing cloud infrastructure, automating deployments, and optimizing CI/CD workflows).
* Expertise in Kubernetes, Helm Charts, Docker, and containerized application deployment, including AWS EKS (e.g. Deploying microservices and managing container orchestration for scalable applications).
* Proficient in CI/CD pipelines using Jenkins and GitHub Actions (e.g. Building, maintaining, and troubleshooting pipelines to enable zero-downtime deployments).
* Hands-on with Terraform, Ansible, and IaC for automated provisioning, configuration, and security (e.g. Automating multi-environment deployments and infrastructure management).
* Strong Linux administration, system performance tuning, and troubleshooting skills (e.g. Managing RHEL/Ubuntu systems, monitoring performance, and resolving production issues).
* Implemented monitoring and observability using Prometheus, Grafana, CloudWatch, and ELK stacks (e.g. Visualizing metrics, logs, and system health for proactive monitoring).
* Skilled in RBAC, secrets management, secure deployment practices, and Kubernetes security policies (e.g. Implementing secure access, role-based permissions, and secret management in clusters).
* Experienced in creating documentation, best practices, and troubleshooting guides for DevOps processes (e.g. Authoring guides for CI/CD workflows, automation scripts, and monitoring standards).

**TECHNICAL SKILLS**

* **Languages:** Shell Script, Groovy, YAML, Python
* **Database and Tools**: AWS (EC2, S3, VPC, IAM, ELB, CloudWatch, EBS), DynamoDB
* **Frameworks / IaC:** Terraform, Ansible, Helm Charts
* **Application Servers:** Tomcat
* **Version Control:** Git, GitHub
* **Build / CI/CD Tools:** Jenkins, GitHub Actions, Docker, Docker Compose
* **Operating Systems:** Linux (RHEL, Ubuntu), Windows
* **Dev/Debug Tools:** Prometheus, Grafana, CloudWatch, ELK Stack
* **Systems Management Tools:** Ansible Vault, Terraform remote state, Cron jobs, Linux monitoring tools
* **DevOps Practices:** CI/CD pipeline design & optimization, RBAC & secure deployment, microservices deployment, IaC, automation, documentation & knowledge sharing.

**PROFESSIONAL EXPERIENCE**

**Focus Edumatics Private Limited** Jan 2020 – Jan 2025

DevOps Engineer

**Focus Edumatics Private Limited**  Nov 2016 – Dec 2019

Linux System Administrator

**PROJECTS**

**Project #1  
Client:** Focus Edumatics Private Limited.  
**Duration:** Jan 2020 – Jan 2025 **Role:** DevOps Engineer

**Description:**

Designed, deployed, and managed **scalable microservices applications in AWS cloud** using Kubernetes, Docker, and CI/CD pipelines. Focused on **automation, reliability, security, and monitoring** for multi-environment deployments.

**Responsibilities:**

* Implemented **auto-scaling, rolling updates, and zero-downtime deployments** in Kubernetes clusters.
* Developed and maintained **Helm charts** for deployment automation.
* Integrated **Kubernetes with Jenkins and GitHub Actions** for CI/CD pipelines.
* Automated infrastructure provisioning using **Terraform**, including multi-environment setups and remote state management in S3 with DynamoDB locking.
* Implemented **RBAC policies, secrets management, and secure access practices** in Kubernetes.
* Created **Ansible playbooks and roles** for configuration management and deployment automation.
* Built and optimized **Docker images**, managed container lifecycle using Docker CLI and Compose, and pushed images to AWS ECR.
* Integrated **Prometheus, Grafana, CloudWatch, and ELK stack** for monitoring, logging, and system performance visualization.
* Prepared **documentation, best practices, and troubleshooting guides** for DevOps workflows.

**Technologies:** Kubernetes, EKS, Helm Charts, Docker, Docker Compose, AWS (EC2, S3, ECR, IAM, CloudWatch), Jenkins, GitHub Actions, Terraform, Ansible, Prometheus, Grafana, ELK, Linux.

**Project #2**

**Client:** Focus Edumatics Private Limited **Duration:** Nov 2016 – Dec 2019 **Role: L**inux System Administrator

**Description:**

Managed **Linux-based infrastructure** to ensure high availability, security, and performance of enterprise applications. Focused on **system administration, monitoring, troubleshooting, and implementing disaster recovery strategies**.

**Responsibilities:**

* Performed **Linux system installation, configuration, and performance tuning**.
* Managed **user accounts, groups, file systems, and permissions** for security and compliance.
* Monitored **system health, logs, and resource utilization** to ensure reliability.
* Performed **troubleshooting** to minimize downtime and improve performance.
* Configured and managed **cron jobs, backups, and automated maintenance tasks**.
* Implemented **backup and disaster recovery strategies**.
* Applied **Linux security hardening practices**, firewall configuration, and access control policies.
* Managed **package installations, updates, and patches** using yum and apt.
* Configured **system logging and log rotation** for efficient monitoring.
* Performed **disk management, mounting/unmounting, and filesystem maintenance**.
* Conducted **system audits** for compliance with organizational and industry security standards.
* Handled **process management**, including monitoring, starting, stopping, and optimizing services.

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**Technologies:** Linux (RHEL, Ubuntu), Shell Scripting, Cron Jobs, yum/apt, Firewall configuration, System logging, Disk management, Performance monitoring.

**EDUCATION**

Bachelor of Technology in Electrical & Electronics Engineering.