

Kapil Kumaria

Calgary, Canada | kapil.kumaria.automation@gmail.com | (587) 436-1512 | [kkintech15](https://kkintech15.com) | kapilkumaria.com

PROFESSIONAL SUMMARY

DevOps, Cloud, and AI Platform Engineer with 8+ years of experience building scalable cloud infrastructure, Kubernetes platforms, and CI/CD systems across AWS and Azure environments.

Experienced in Terraform, Kubernetes, GitOps, observability, cloud security, and AI/ML deployment workflows using MLflow, Kubeflow, KServe, DVC, and AWS SageMaker.

CORE TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, EKS, VPC, IAM, ALB, Route53, S3, RDS, CloudWatch), Azure (Virtual Machines, Resource Groups, Networking, Azure Monitor)

Infrastructure as Code & Automation: Terraform, CloudFormation, Ansible

Containers & Orchestration: Docker, Kubernetes, Helm, Kustomize

CI/CD & GitOps: Jenkins, GitHub Actions, GitLab CI, ArgoCD

Monitoring & Observability: Prometheus, Grafana, CloudWatch, ELK Stack, Loki, Promtail

Security & Identity: IAM, RBAC, TLS/SSL, HashiCorp Vault, Secrets Management, Trivy

Networking & Infrastructure: VPC, Load Balancers, DNS, Ingress Controllers, Traffic Routing

Scripting & Automation: Python, Bash, Git

MLOps & AI Infrastructure: MLflow, DVC, Kubeflow, KServe, AWS SageMaker, Inference Serving

PROFESSIONAL EXPERIENCE

DevOps / Cloud Infrastructure Engineer

705 CODE LAB (DevOps Consulting)

Dec 2023 – Present

- Delivered cloud infrastructure and DevOps solutions across 6+ client engagements, designing and automating Terraform-based provisioning across development, QA, staging, production, and disaster recovery environments - reducing manual provisioning time from 3-4 days to under 1 hour.
- Built and maintained CI/CD pipelines using Jenkins and GitHub Actions across multiple client projects, supporting microservices-based applications with automated build, testing, deployment, and rollback workflows across pre-production and production environments.
- Architected and operated Kubernetes-based infrastructure platforms supporting 6-15 containerized microservices per project across highly available development and production environments.
- Applied Kubernetes, CI/CD, and cloud infrastructure practices to AI/ML deployment and inference workflows across cloud-native environments.
- Designed secure and highly available cloud networking architectures including VPCs, load balancers, Route53 DNS routing, ingress management, multi-region disaster recovery, and automated TLS certificate provisioning across AWS and Azure environments.

DevOps / Platform Engineer

JUMIO SOFTWARE

Oct 2022 – Nov 2023

- Managed Kubernetes and AWS ECS platform operations across multiple environments, supporting large-scale microservices-based applications with frequent, low-risk production deployments and zero-downtime release strategies.
- Managed containerization workflows including Dockerfile development, Docker Compose testing, Trivy image scanning, and GitOps-based Kubernetes deployments using ArgoCD.

- Built and maintained CI/CD pipelines integrating GitHub, SonarQube static code analysis, container image builds, vulnerability scanning, and automated deployment workflows to improve release quality and security validation.
- Implemented centralized logging, monitoring, and observability solutions using ELK Stack, Fluent Bit, Prometheus, Grafana, and Promtail across distributed microservices environments.
- Participated in incident response, root cause analysis, and production troubleshooting while supporting infrastructure automation and platform reliability initiatives across engineering teams.

DevOps Engineer

ASENDIA UK

Jun 2020 – Sep 2022

- Built and maintained CI/CD pipelines using Jenkins and GitHub Actions for microservices-based applications, improving deployment consistency and release efficiency across development and production environments.
- Managed and extended GitOps-based deployment architecture using ArgoCD, standardizing Kubernetes configuration management across 5-8 applications in multiple environments.
- Enforced Kubernetes security best practices including RBAC for multi-team access control, secrets management using HashiCorp Vault and Kubernetes Secrets, and network policies to restrict inter-service communication.
- Contributed to infrastructure improvements using Terraform, enhancing existing Infrastructure as Code (IaC) configurations for more consistent and maintainable cloud environment management.

AWS Solutions Architect

DAREY CONSULTING LLC

May 2018 – May 2020

- Designed and supported secure AWS cloud architectures including VPC networking, compute, storage, and IAM-based access control.
- Supported cloud migration initiatives from on-premises infrastructure to AWS, assisting with provisioning and environment configuration.

Technical Cloud Support Engineer

ZOTO TECHNOLOGIES

Oct 2016 – Apr 2018

- Installed, configured, and supported applications on AWS EC2 instances across multiple regions and environments.
- Managed AWS infrastructure resources and provided Linux system administration and cloud troubleshooting support.

MLOPS & AI INFRASTRUCTURE EXPOSURE

- Hands-on experience with MLOps and AI infrastructure tooling including MLflow, Kubeflow, KServe, DVC, and AWS SageMaker for model deployment, inference serving, and cloud-native ML platform operations.
- Applied DevOps and Kubernetes platform engineering practices to AI/ML deployment workflows including observability, CI/CD automation, security, and scalable inference infrastructure.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate | AWS Certified Developer - Associate | Microsoft Certified: Azure Administrator Associate (AZ-104) - In Progress | LPI Linux Essentials | Google AI Essentials

EDUCATION

Mechanical Engineering Technology | Northern Alberta Institute of Technology (NAIT), Edmonton, Alberta

Mechanical Engineering Diploma | Chandigarh College of Engineering & Technology, Chandigarh, India