

# Kapil Kumaria

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

## PROFESSIONAL SUMMARY

DevOps and Cloud Platform Engineer with 8+ years of experience designing, automating, and operating scalable cloud infrastructure and Kubernetes-based platforms across AWS and Azure environments. Experienced in Infrastructure as Code, CI/CD automation, GitOps, observability, and cloud security practices for production-grade systems. Strong background in Terraform, Kubernetes, Jenkins, GitHub Actions, ArgoCD, Prometheus, Grafana, and AWS and Azure cloud services. Proven ability to deliver cloud-native solutions across consulting and enterprise environments, supporting microservices, DevSecOps workflows, and highly available multi-region architectures.

## 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

## 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.
- Implemented centralized monitoring and alerting solutions using Prometheus, Grafana, and CloudWatch across distributed client environments, improving production visibility and incident response coordination.
- 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.

- Owned end-to-end containerization workflows including Dockerfile development, local microservices testing using Docker Compose, container image scanning with Trivy, 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.
- Maintained and improved centralized monitoring and alerting using Prometheus, Grafana, and Alertmanager across 6-10 services, ensuring production reliability and proactive incident detection.
- 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**

**ZOOTO 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.

## **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