

ARYAN KUMAR

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SUMMARY

DataOps Engineer with 3+ years of experience automating and scaling data infrastructure on cloud platforms. Proficient in Kubernetes, GCP, AWS, Terraform, Kafka, and CI/CD tools. Skilled in enabling reliable data pipelines and workflow orchestration to support data-driven engineering teams. Seeking challenging DataOps/DevOps opportunity to contribute to innovative projects and global-scale systems.

WORK EXPERIENCE

DataOps Engineer-2 | Groww | India | March'2025 - Present

- Working in the Infra Data-Platform team, where managing cloud-native, scalable, and secure data infrastructure that ensure high availability, reliability, and performance for large-scale data workloads.
- Implemented and managed Apache Kafka with Strimzi on Kubernetes to enable real-time data streaming and seamless communication between distributed services
- Managing infrastructure across GCP using Terraform, Crossplane and GitHub Actions.
- Built and maintained CI/CD pipelines using GitHub Actions, ArgoCD, and Argo Workflows.
- Deployed and managed Istio Service Mesh for secure microservices communication.
- Integrated Airflow for workflow orchestration and data processing pipelines.
- Worked on Krakend API Gateway for managing microservices APIs.
- Managed Kubernetes clusters and deployments with a focus on GitOps principles.

Data-DevOps Engineer | Deutsche Telekom Digital Labs Pvt. Ltd. | India | Apr'2022 - Dec'2024

- Led automation and infrastructure efforts for the Data Engineering, Analytics and Science team.
- Deployed Istio service mesh with mTLS, sidecar injection, and traffic control.
- As a DataOps engineer, provisioned and managed cloud infrastructure using AWS services including EKS, EC2, VPC, MSK, S3, Glue, Athena, EMR, Redshift, OpenSearch, and DMS.
- Developed CI/CD workflows with Jenkins, GitLab CI, and ArgoCD, Enabled secure k8s deployments with Kyverno and AWS Signer. Managed infrastructure as code using Terraform and Ansible.
- Migrated big data and data warehousing workloads from Amazon EMR to an MLOps-driven architecture to improve scalability, automation, and model lifecycle management. Implemented observability with Prometheus, Grafana, VictoriaMetrics, Alertmanager, and Zenduty.
- Deployed and maintained Data Tools like NiFi, Kafka, Airflow, DataHub, Metabase, and Kubeflow.

Project Intern | IBM India Pvt. Ltd. | Jan 2022 - Apr 2022

- Architect - SAP.BASIS (Package Specialist).
- Hands-on with SAP S/4 HANA Systems.

EDUCATION

Bachelor of Technology in E&C Engineering, IIIT-DWD

Aug'2018 - Jul'2022

Indian Institute of Information Technology (IIIT), Dharwad Karnataka

- Specialization in Electronics and communications engineering.
- Electives: DevOps, Cloud Computing, Data Engineering

Intermediate, Sanjay Singh Yadav Inter College, Gaya

May'2016 - Apr'2018

Sanjay Singh Yadav Inter College, Gaya

- Relevant coursework in 11th and 12th Classes (PCM)

ACTIVE CERTIFICATIONS

- **Certified Kubernetes Administrator**
- **AWS Certified Solutions Architect**
- **Hashicorp Certified Terraform Associate**

TECHNICAL SKILLS

- **Cloud & IaC:** AWS, GCP, Terraform, Ansible, Crossplane
- **Big Data & Streaming Tools:** NiFi, DataHub, Kubeflow, Metabase, Airflow, Kafka
- **Containers & Orchestration:** Docker, Kubernetes, Helm, Karpenter
- **CI/CD & DevOps:** GitHub Actions, GitLab CI, Jenkins, ArgoCD, Argo Workflows
- **Service Mesh & Gateways:** Istio, Krakend
- **Security:** Kyverno, AWS Signer, SAST/DAST
- **Observability:** Prometheus, Grafana, VictoriaMetrics, Alertmanager, OpenTelemetry, PagerDuty
- **Languages & OS:** Python, Bash, Linux

ADDITIONAL INFORMATION

- **Awards/Activities:** Received the "**Getting Things Done**" Award for outstanding contributions and completion of projects timely.
- **Languages:** English (Proficient), Hindi (Native)