

## Cloud DevOps Engineer

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### CONTACT

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Location – Noida , Uttar pradesh

### SUMMARY

DevOps Engineer with over 3.5+ years of hands-on experience in cloud computing, Linux systems, and a wide range of DevOps tools and practices. Proven expertise in managing scalable cloud infrastructure and automating deployment pipelines using tools like Git, Helm, Ansible, Argo CD, Jenkins, and Kubernetes. Adept at solving complex infrastructure challenges, optimizing CI/CD workflows, and driving reliable and secure application delivery. Eager to contribute to a forward-thinking organization where continuous innovation, technical precision, and collaboration are valued.

### Courses, and Certifications

- Azure fundamentals (AZ-900)
- AWS Fundamentals

### Technical Skills

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|---|-------------------------------|
| • DevOps                                  | • Jenkins (CI/CD)             |
| • Git / Git-Ops                           | • Helm                        |
| • Argo CD                                 | • Apache NiFi                 |
| • Docker                                  | • Shell Scripting             |
| • Ansible                                 | • Prometheus/Grafana          |
| • ServiceNow/ Confluence                  | • Kubernetes                  |
| • AWS Cloud / AWS EKS                     | • Azure Cloud / Azure DevOps  |
| • Linux (CentOS / RHEL / Amazon)          | • SQL                         |
| • ELK Stack (Elastic / Logstash / Kibana) | • AWS OpenSearch              |
| • Nginx                                   | • RabbitMQ                    |
| • Flink                                   | • Networking/Cloud-Networking |
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# Professional Experience

## Genpact India Pvt LTD

### *Middleware Cloud DevOps Engineer*

**Project:** GE Vernona

**Title:** Cloud DevOps Engineer and Apache NiFi Developer/Admin

**Duration:** November 2023 – Present

**Location:** Noida, India

#### Role Overview:

As a DevOps Engineer, I specialize in managing and optimizing infrastructure by leveraging automation and cutting-edge technologies to enhance operational efficiency. I focus on deploying, configuring, and maintaining robust tooling and services to ensure seamless operations, scalability, and streamlined CI/CD workflows.

#### Key Responsibilities:

##### Apache NiFi Customization & Deployment:

- Managed the deployment of Apache NiFi in a containerized setup, optimizing its settings to work well with microservices.

##### CI/CD Pipeline & Kubernetes Deployment Automation:

Managed the deployment of containerized applications, including Apache NiFi, across Kubernetes clusters using Helm charts for templated configuration. Orchestrated GitOps workflows via Argo CD, syncing cluster state with Git repositories and enabling automated rollbacks. Integrated Jenkins for CI/CD pipelines, automating build, test, and deployment stages—including Helm validation and security scans. Leveraged Ansible for pre-deployment provisioning and post-deployment configuration tasks, ensuring consistent environment setup and lifecycle management.

##### Monitoring & DevOps Tooling Implementation:

Architected and deployed a scalable monitoring system enabling customers to view real-time transaction details through customized dashboards. Ingested high-throughput event data using **Amazon Kinesis Data Streams** and processed it via **AWS Lambda** functions configured to transform and enrich logs before indexing. Defined and managed **custom index patterns** in **AWS OpenSearch** to support granular search queries and dashboard visualizations. Integrated **API Gateway** for secure data exposure and applied **SAML-based authentication** to enforce access controls. The solution enhanced operational visibility, streamlined log traceability, and empowered stakeholders with transparent transaction insights.

##### AWS Infrastructure Expertise:

Hands-on experience with **EC2**, **RDS**, **Kinesis**, **VPC**, **S3**, **EKS**, **IAM**, **Lambda**, and **CloudWatch**. Designed secure VPC architectures using **Security Groups**, **NACLs**, and **VPC peering**. Built scalable **EKS clusters**, automated serverless tasks with **Lambda**, and set up monitoring via **CloudWatch**. Applied cost-optimization strategies across environments to ensure performance and efficiency.

##### Cross-functional Collaboration & Troubleshooting:

Worked closely with developers, data engineers, and system administrators to troubleshoot critical issues, implement strategic fixes, and ensure alignment with project goals and timelines.

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## Atos Global IT Solutions

### *L3 Product Support and R&D Engineer*

**Duration:** April 2022 – September 2023

**Location:** Bangalore, India

#### Role Overview:

Worked on Alsaac, a managed security service platform offering advanced threat intelligence, hunting, monitoring, and incident response through SIEM and SOAR integrations. Contributed to R&D initiatives focusing on cloud integration, system performance, and operational resilience.

#### Key Responsibilities:

- Cloud Asset Integration & Monitoring:**

Integrated cloud assets (Azure, AWS, GCP) for centralized log collection and monitoring.

- **Apache NiFi Expertise:**  
Performed data integration, extraction, and transformation in the Log Event Collector (LEC) using Apache NiFi. Troubleshoot and optimized NiFi configurations to resolve parsing issues across diverse device logs.
  - **Linux & Networking Operations:**  
Applied strong system operation skills in Linux and networking to ensure reliability and performance across components.
  - **RabbitMQ Optimization:**  
Investigated and resolved queuing issues impacting throughput; reconfigured RabbitMQ to enhance message broker stability and scalability.
  - **Case Management & Documentation:**  
Used Wrike and ServiceNow for client issue tracking and prioritization. Authored detailed knowledge base articles with in-depth technical analysis.
  - **Monitoring & RCA Reporting:**  
Implemented Prometheus for health monitoring and custom alerting. Delivered RCA presentations to technical teams, highlighting actionable insights.
  - **Performance Troubleshooting:**  
Diagnosed and resolved performance bottlenecks related to memory, CPU, storage, and OS utilization.
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## Internships Experience

### Azure Cloud Security Engineer

**Organization:** Alchemy Techsol

**Duration:** December 2021 – March 2022

**Location:** Bangalore, India

**Skills:** Cybersecurity, AZ-900, AZ-104, AZ-500

### Embedded System Engineer

**Organization:** REES52

**Duration:** July 2019 – December 2019

**Location:** New Delhi, India

**Skills:** Embedded Systems

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## Education

### Bachelor of Engineering (B. Tech-ECE) – 2016–2020

Guru Nanak Dev Engineering college, Ludhiana PUNJAB

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## Languages

English, Hindi

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## Awards & Recognition

- **Recognition for DevOps Excellence:** Awarded formal recognition for exceptional task management and technical execution in DevOps, demonstrating automation expertise in cloud-native environments. (**GENPACT**)
  - **Top Performer Award – OSS Middleware:** Honored for outstanding contributions as a Cloud DevOps and ETL Developer, excelling in multi-domain middleware projects. (**GENPACT**)
  - **Multi-Regional Stakeholder Support:** Successfully supported clients across India, Mexico, APAC, and Brazil, ensuring consistent service delivery and high system availability through effective collaboration. (**ATOS**)
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