

# Dev Joshi

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## Professional Summary

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DevOps Engineer with proven experience managing and optimizing cloud infrastructure across AWS, GCP, and Azure. Skilled in building and maintaining CI/CD pipelines, automating deployments, implementing monitoring solutions, and ensuring security compliance. Adept at collaborating with cross-functional teams to deliver scalable, cost-efficient, and high-performance solutions.

## Education

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**Atmiya University**, B.Tech in Computer Engineering

2018 – 2022

## Experience

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**DevOps Engineer**, Inexture Solutions LTD – Ahmedabad, India

May 2025 - Present

- Architected and managed multi-cloud and hybrid infrastructure across AWS, GCP, and client-owned on-premise servers, ensuring high uptime and cost-efficiency.
- Spearheaded DevOps efforts for projects with a major Abu Dhabi Government client, serving as the primary technical point of contact for infrastructure and compliance discussions.
- Established and enforced SOC 2 Type II controls within the CI/CD pipeline and cloud/on-prem environments, focusing on access management, logging, and change control to ensure rigorous security compliance.
- Designed, built, and maintained robust CI/CD pipelines (Jenkins, GitHub Workflow) with integrated security and automated testing layers to enable rapid, reliable, and compliant software delivery.
- Collaborated directly with client technical teams and product owners to translate business requirements into secure, scalable infrastructure designs and operational procedures.

**DevOps Engineer**, Ninjatechnolabs – Ahmedabad, India

Sep 2023 – May 2025

- Oversee and manage the entire cloud infrastructure for the company, including AWS, GCP, and other cloud platforms, ensuring optimal performance, scalability, and cost-efficiency.
- Configure and maintain CI/CD pipelines using GitHub Workflow and Jenkins, enabling automated builds, testing, and deployment.
- Provide hands-on, real-time support to developers for troubleshooting and resolving server and code issues.
- Manage and prioritize multiple projects while ensuring timely delivery.
- Collaborate with development, QA, and operations teams to align infrastructure capabilities with software requirements.

**DevOps Engineer**, 9series Solutions – Ahmedabad, India

Jul 2021 – Sep 2023

- Provision, configure, and manage cloud infrastructure on AWS, Azure, and GCP.
- Set up and maintain CI/CD pipelines for automated build, test, and deployment.
- Use Ansible and Jenkins to manage and automate server and app configurations.
- Implement monitoring solutions like Datadog and Cronitor to track health and performance.
- Ensure security compliance by identifying gaps and meeting SOC2 requirements.
- Document infrastructure configurations, processes, and best practices.

## Skills

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Jenkins, Docker, AWS, GCP, Microsoft Azure, SonarQube, Kubernetes, SQL/MySQL/PostgreSQL, MongoDB, CI/CD, Postman, Shell Scripting, Liferay, Python Scripting

## Projects

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### **Funnel Builder – Multi-Tenant Infrastructure Setup**

- Designed and implemented a highly available AWS-based infrastructure for a multi-tenant funnel builder application.
- Set up blue/green deployment strategy to ensure zero-downtime releases.
- Implemented comprehensive infrastructure security measures, including network segmentation, IAM policies, and encryption.

### **Social Media Manager – Microservices and Event-Driven Architecture**

- Designed and implemented a highly available AWS-based infrastructure with blue/green deployment for a social media management platform.
- Architected and deployed microservices in Python integrated with Apache Kafka for event-driven processing.
- Developed and deployed services to handle Facebook and Instagram webhooks, processing and storing incoming data in real-time. Purely in Python.
- Implemented infrastructure security best practices, including IAM role-based access, encryption, and network isolation.

### **University System**

- Designed and implemented a highly available AWS-based infrastructure with blue/green deployment for a university management platform.
- Developed and deployed Python-based microservices integrating AWS SQS with the backend to process video encoding in real-time.
- Ensured secure infrastructure with IAM-based access control, encryption, and network segmentation.
- Delivered scalable architecture to handle concurrent encoding jobs efficiently.

### **Relationship Intelligence Platform – Lead DevOps Infrastructure on GCP**

- Managed the full infrastructure on Google Cloud Platform (GCP) using GKE (Google Kubernetes Engine) and Bitbucket.
- Architected and maintained a highly available and scalable Kubernetes cluster for the platform.
- Led DevOps efforts, overseeing deployments, monitoring, and end-to-end reliability of the infrastructure.

### **Real Estate Website – Multi-Tenant Microservices Infrastructure on AWS**

- Served as Lead DevOps, managing the AWS infrastructure for a multi-tenant real estate platform.
- Architected a microservices-based infrastructure leveraging AWS Lambda for scalable, event-driven execution.
- Designed and maintained MongoDB database architecture with VPC peering for secure cross-VPC connectivity.
- Ensured high availability, security, and cost optimization of the infrastructure.

### **Hospitality Service Management Platform – Multi-Tenant on GCP**

- Led DevOps efforts for a multi-tenant hospitality service management platform hosted on Google Cloud Platform (GCP).
- Architected and managed a scalable infrastructure using Google Kubernetes Engine (GKE) and GitHub for CI/CD.
- Implemented best practices for multi-tenant security, network segmentation, and performance optimization.
- Ensured high availability and fault tolerance across all environments.

### **Government Customs Portal – Liferay Migration and Clustering**

- Managed the migration of a government customs portal from Liferay 7.2 to Liferay 7.4.

- Designed and maintained a highly available Liferay clustering setup for improved scalability and fault tolerance.
- Oversaw infrastructure provisioning, configuration, and performance optimization during the migration.
- Collaborated with development and QA teams to ensure smooth transition with minimal downtime.