

---

# SHAILESH THAKUR

---



SYLESH687@GMAIL.COM



+917259503659



[HTTPS://WWW.LINKEDIN.COM/I  
N/SHAILESH-THAKUR-110A7383/](https://www.linkedin.com/in/shailesh-thakur-110a7383/)

[HTTPS://BLOG.OSGROUP-  
TECHIES.COM/](https://blog.osgroup-techies.com/)

---

## OBJECTIVE

As an accomplished **Sr DevOps Eng II**, I bring deep expertise in designing, implementing, and optimizing cloud-native architectures across **AWS, Azure**, and **GCP**.

With advanced proficiency in **Terraform, Terragrunt**, and **Ansible**, I specialize in crafting scalable, secure, and cost-effective infrastructure automation solutions.

My extensive experience in containerization and orchestration with **Docker, Kubernetes, Helm**,

---

---

## EXPERIENCE - 9.2 YRS

---

### SR DEVOPS ENGG II/O9 SOLUTIONS INC

Jul 2020 – Present

Redesigned infrastructure strategy by decoupling provisioning and configuration, migrated to Terraform for IaC while retaining Ansible for scalable config management. Led the transition to a hybrid VM + Kubernetes architecture, introducing Helm and Argo CD to establish GitOps-driven CI/CD pipelines. Integrated ExternalDNS for automated, dynamic service discovery and replaced legacy load balancing with HAProxy, significantly improving scalability, reliability, and deployment velocity.

Drove the migration of client applications from legacy VM infrastructure to a robust hybrid cloud environment, integrating Kubernetes for enhanced scalability and flexibility. Designed and implemented a high-performance Blue-Green deployment strategy, ensuring seamless infrastructure provisioning, data integrity validation, and flawless traffic migration with minimal downtime. Incorporated Infra and Configuration changes to fully support the transition, accelerating deployment cycles, and improving reliability, scalability, and operational efficiency across diverse environments.

Architected and led the implementation of Azure Lighthouse to enable secure, scalable cross-tenant access for all new Azure clients. Built production-grade ARM templates, automated client delegation onboarding, and enhanced Terraform modules for seamless integration. Rolled out across 60+ environments with zero disruption, reducing deployment time by 40% and boosting operational efficiency and centralized governance at scale.

Designed and implemented a Proof of Concept (PoC) for Azure DNS Resolvers, enabling seamless domain resolution for domain-joined machines without disrupting service discovery. Delivered a scalable, high-availability solution with minimal changes to the existing architecture. Successfully transitioned the solution to production with **zero downtime**, significantly enhancing service continuity and exceeding client expectations.



---

and **Containerd** enables me to drive highly efficient, resilient deployments. I have a proven track record of optimizing CI/CD pipelines using **Jenkins**, **Azure DevOps**, and **ArgoCD**, while ensuring streamlined collaboration between development and operations teams. I am also highly skilled in scripting with **Bash**, **Python**, and **PowerShell**, and have architected solutions using frameworks like **FastAPI** and **Pydantics**. My database expertise spans **MSSQL**, **Postgres**, **MongoDB**, and **Redis**, with a focus on performance, reliability, and scalability. In addition, I leverage **ELK**, **Prometheus**, and **Grafana** for advanced monitoring and logging to ensure continuous improvement in system health. Adept at working in both **Linux** and **Windows** environments, I am committed to delivering innovative, robust DevOps solutions that drive business agility and operational excellence.

---

#### SKILLS

AWS / GCP / AZURE  
Terraform/ Terragrunt  
Ansible  
Docker / Kubernetes / Helm /  
Containerd  
Python / FastAPI  
Jenkins / ArgoCD / Airflow / Azure  
DevOps  
MSSQL / Mongo / Redis / Postgres  
LXC / LXD / Multipass

---

Designed and executed automated Disaster Recovery (DR) solutions, ensuring rapid provisioning and recovery. Orchestrated the successful patching of CrushFTP across 50+ servers, managing PoC, automation, deployment, and stakeholder communication—delivering zero downtime. Directed client onboarding, provisioning secure infrastructure, configuring applications, and conducting smoketests to ensure production readiness.

Also led the shift to **Monitoring as Code** by automating ELK setup—managing Watchers and Dashboards as code with tag-based deployments. This eliminated manual errors, ensured environment consistency, enabled versioned rollbacks, alert subscriptions, and integrated auto-healing mechanisms.

#### APPLICATION OPERATIONS ENGG II/INTUIT


Nov 2019 – Feb 2020

Managed and maintained the entire AWS infrastructure, ensuring the efficient operation of cloud services and resources critical to the organization's workflows. Developed and implemented automation scripts using a combination of Ansible and Terraform to automate the deployment, configuration, and management of software applications on the company's infrastructure, significantly improving operational efficiency and consistency across environments.

Took an active role in training and mentoring junior DevOps engineers, equipping them with the technical knowledge and hands-on experience necessary to grow within the DevOps discipline. By fostering a culture of continuous learning, I ensured the team remained up to date with best practices and emerging technologies.

Collaborated closely with development teams to ensure that software applications met the company's high standards for quality, security, and scalability. This involved conducting regular code reviews, optimizing system configurations, and addressing any performance or security gaps to ensure applications were resilient and capable of handling high traffic. I played a pivotal role in optimizing cloud resources, enhancing application uptime, and minimizing costs while maintaining strict compliance with security policies.





---

Apache Nifi / Hadoop  
Apache Delta Lake  
ELK / Metricbeat / Heartbeat  
Prometheus / Grafana

---

#### MOST PROUD OF

---

I take great pride in my ability to tackle complex challenges and deliver innovative solutions. Whether it's designing intricate infrastructure setups, implementing automation to streamline processes, or conducting successful proofs of concept, I excel at solving problems and driving impactful results. My focus on creative problem-solving has consistently contributed to the success of projects and has had a positive influence on teams, fostering efficiency and continuous improvement

#### DEVOPS ENGG /PAYTM

Sep 2018 – Nov 2019

At **Paytm**, I worked on optimizing infrastructure and deployment strategies. One of my key projects involved migrating from a PaaS AWS service to a self-managed **ELK stack**, utilizing **Terraform** for infrastructure provisioning and **Ansible** for stack configuration. This migration to a large **Amazon EC2** cluster supported the entire Paytm Travel department's logging needs with an emphasis on cost reduction, fault tolerance, and scalability. Additionally, I implemented a **blue-green deployment strategy** for a flight provider, ensuring zero-downtime deployments with **Terraform** and **Ansible**, thus minimizing risk and ensuring high availability during updates.

#### DEVOPS ENGG /BANKBAZAAR

Aug 2017 – Sep 2018

At **BankBazaar**, I provided **L3 support** for platform-related issues, including managing **DHCP** and **DNS** configurations and assisting the data center team with **LXD upgrades** and firmware updates. I utilized **collectd** and **Prometheus** to monitor hypervisors and platform hosts, ensuring 99.9% availability. Additionally, I deployed production containers on custom images with **Kerberos** and other security updates to maintain a secure environment. I implemented **SaltStack** automation to streamline the application build and deployment processes, working closely with the development team to deliver timely and effective solutions.

#### DEVOPS ENGG /HPE

Dec 2015 – Aug 2017

At **HPE**, I drove automation by using the **Jenkins CI** tool to streamline deployment processes and developed **Shell** and **PowerShell** scripts to optimize workflows. I conducted a **POC** on **Docker containers** for a cloud-native app, adhering to the 12-factor app methodology to ensure scalability and efficiency. Additionally, I provided **Database** and **Middleware as a Service** for **E.ON**, overseeing end-to-end delivery and administration, ensuring seamless operation and support for their business-critical systems.



---

## EDUCATION

---

**B. TECH / 2015**  
IFCAI University Dehradun

I graduated with a **CGPA of 9.1** and was an active member of **lcxantia**.

---

## VOLUNTEER EXPERIENCE OR LEADERSHIP

---

For the past two years, I've been a proud member of **Brandbody**, our internal team dedicated to organizing hackathons, tech meetups, and various events. My role has been incredibly rewarding, as I've had the opportunity to contribute actively and even host several of these events. Being part of this team has been a fulfilling experience, allowing me to engage with our community while fostering a culture of innovation, collaboration, and continuous learning.

