# Shashwat Pathak

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**INDIA**

Experienced Infrastructure Engineer with 1+ years of experience in DevOps, Infrastructure & Cloud architecture, Containerization, CI/CD pipeline development, Scripting, and Kubernetes administration.

## EXPERIENCE

### Facets.Cloud, Bangalore — *DevOps Engineer*

June 2023 - PRESENT

- **Developed** 5+ Terraform modules and Helm charts to **streamline multi-level deployments** and enhance customer support.
- **Optimized** production Kubernetes clusters with Prometheus and Grafana dashboards, **achieving a 30% reduction in cluster costs.**
- **Onboarded** 3+ large-scale customers by **redesigning their Multi-Cloud infrastructure**, addressing specific challenges, and seamlessly integrating our product to **accelerate release cycles** with DevOps best practices.
- *Tech Stack used: AWS, GCP, AZURE, Kubernetes, Terraform, Python, GitHub Actions, MongoDB.*

### Facets.Cloud, Remote — *DevOps Intern*

February 2023 - June 2023

- **Developed** and **published** a Windows Exporter for Kubernetes.
- **Enhanced administration** of production Kubernetes clusters by integrating Grafana, Prometheus, and Loki stack.

### Opslyft, Remote — *DevOps Intern*

April 2022 - February 2022

- **Migrated** from traditional to containerized microservices architecture with Fluent Bit sidecar and Loki, **enhancing deployment efficiency by 70%** and **reducing AWS logging costs by 30%.**
- *Tech Stack used: AWS ECS Fargate, GitHub Actions, Jenkins CI/CD, AWS EventBridge.*

## EDUCATION

### SRMS CET, Bareilly — *B.Tech (CS)*

July 2019 - July 2023

*College affiliated to Abdul Kalam Tech. University (A.K.T.U)*

*Lucknow, Uttar Pradesh*

## SKILLS

**Scripting:** Python, Bash, Go

**Monitoring:** Prometheus, Grafana, Loki

**Iac & Configuration:** Terraform, Ansible

**Databases:** MongoDB

**Cloud:** AWS, GCP, Azure

**CI/CD:** Jenkins, GitHub Actions

**Container & Orchestration:** Kubernetes, Docker

## CERTIFICATES

**Red Hat Certified System Administrator**

**Red Hat Certified Engineer (Automation with Ansible)**

**Red Hat Certified Specialist in Containers & Kubernetes**

## PROJECTS

**Canary Deployment:** Deployment via Terraform and K8s manifests.

**Ansible Jenkins CI/CD:** IAC and configuration of Jenkins & K8s, complete CI/CD of a flask application.

**Jenkins CI/CD:** CI/CD of a sample application.