

Shashwat Pathak

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Summary

Platform Engineer with 2.5+ years of experience in operating customer-facing services at scale across multi-cloud environments. Expertise in Kubernetes cluster operations, CI/CD pipelines, observability, application performance optimization, and infrastructure as code. Proven track record in building platform tools that improve developer velocity and reduce operational overhead.

Experience

Platform Engineer, Facets.cloud – Bangalore, India June 2023 – Present

- Developed 40+ Terraform modules across AWS, GCP, and Azure for multi-cloud Kubernetes deployments, directly supporting customer infrastructure requirements and platform extensibility
- Analyzed and upgraded production infrastructure and security practices to attain ISO 27001 compliance, implementing security guard rails and standardization across the platform
- Revamped Prometheus queries, Grafana dashboards, and alerting system integrated with Slack, improving observability and incident response across customer clusters
- Built Python migration templates for EKS, AKS, and GKE control plane version upgrades, automating Kubernetes cluster upgrades and reducing manual intervention
- Provided production-grade support for cluster optimizations, debugging complex networking issues, and infrastructure troubleshooting for customer environments

DevOps Engineer Intern, Facets.cloud – Bangalore, India Feb 2023 – June 2023

- Developed and published multiple Helm charts as part of product extensions for Kubernetes application deployments
- Automated metric scraping from 100+ customer Kubernetes clusters using multi-threaded Python application to analyze Prometheus metrics, assess cluster efficiency, and recommend resource optimizations for improved CPU and memory utilization

DevOps Engineer Intern, Opslyft – Remote April 2022 – Feb 2023

- Migrated legacy VM-based monolith architecture to containerized microservices on AWS ECS Fargate with centralized logging via Loki and Fluentbit sidecars, reducing AWS CloudWatch costs by 30%
- Migrated from legacy Jenkins pipelines to GitHub Actions, improving CI/CD pipeline speed and maintainability

Skills

Programming: Python, Bash, Go | **Databases:** MongoDB | **Cloud & IaC:** AWS, GCP, Azure, Terraform, Ansible
Operations: Kubernetes, Helm, GitHub Actions, Jenkins | **Observability:** Prometheus, Grafana, Loki

Projects

Canary Deployment Strategy for Kubernetes | Ansible Jenkins CI/CD Integration

Certifications

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| Google Certified Professional Cloud Architect (View Credential) | Dec 2025 |
| Red Hat Certified Specialist in Containers and Kubernetes (View Credential) | Feb 2023 |
| Red Hat Certified Engineer (Ansible Automation) (View Credential) | Nov 2021 |
| Red Hat Certified System Administrator (View Credential) | Feb 2021 |

Education

B.Tech in Computer Science – Bareilly, India July 2019 – July 2023