

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

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
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