

Shivam Deepak Chaudhary

DevOps & Cloud Automation Engineer | Kubernetes | AWS & Azure | CI/CD | IaC

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Profiles

Github

[scshiv29-dev](#)

Linkedin

[Shivam Deepak Chaudhary](#)

Summary

DevOps Engineer with 2+ years at Accenture building and automating cloud infrastructure on AWS and Azure. Delivered measurable impact – 35% cloud cost reduction and 60% faster deployments – through CI/CD pipelines, Python automation, and Ansible-driven configuration management at scale. Hands-on with Kubernetes, Docker, Jenkins, and Infrastructure as Code. Open-source contributor with self-hosted tooling projects (FlexiBuckets, FlexiDB). Seeking remote DevOps or Cloud Infrastructure roles where I can own pipelines and drive operational efficiency

Education

Mumbai University

Computer Science

Bachelor of Science (B.Sc) • 8.76

Mumbai • Aug 2019 - May 2022

Experience

Accenture Solution Pvt Ltd.

India

Analyst - DevOps & Cloud Automation

August 2023 - Present

- Designed and deployed a centralized automation platform using **Jenkins** and **Ansible**, reducing **cloud costs by 35%** and **deployment times by 60%** through optimized CI/CD workflows and infrastructure-as-code practices.
- Automated configuration backups for **2,000+ network devices** using Python scripts and REST API integrations, achieving a **99.9% success rate** and establishing disaster recovery readiness across the fleet.
- Built a Python-based automation system for guest Wi-Fi credential provisioning via API integrations, cutting **manual ticket resolution time by 75%** and eliminating recurring L1 support overhead.
- Managed and optimized **AWS & Azure** cloud resources including compute, storage, and networking; performed cost monitoring and rightsizing to maintain performance within budget targets.
- Wrote Shell and Python scripts to automate routine operational tasks, reducing manual toil across the team and improving consistency of deployments across environments.

Projects

FlexiBuckets

October 2024 - Present

- Developed an open-source, unified management interface for S3-compatible storage providers (AWS S3, DigitalOcean Spaces, MinIO, Backblaze B2) using **Next.js** and **Bun**.
- Architected a secure, self-hosted environment using **Docker** and **Docker Compose** to allow users full control over their data infrastructure.
- Implemented a robust backend using **Prisma ORM** and **PostgreSQL** to manage multi-bucket configurations and user authentication via **NextAuth.js**.
- Built core features including temporary file-sharing link generation, multi-bucket browsing, and a responsive UI tailored for both desktop and mobile platforms.
- Streamlined the deployment process by creating automated installation scripts and multi-stage **Docker** builds to reduce setup complexity for end-users.
- Integrated various S3 SDKs and storage drivers to ensure seamless compatibility across any S3-compliant storage API.

[github](#)

FlexiDB

Dec 2024 - Present

- Built a self-hosted database management platform supporting **PostgreSQL** and **MongoDB**, reducing database setup time from **2 hours to 5 minutes** via automated Docker-based provisioning.

- Developed a real-time monitoring dashboard tracking CPU, memory, and storage metrics per database instance using server-sent events and a Next.js frontend.
- Containerized the entire stack with Docker Compose and Traefik reverse proxy, enabling one-command deployment with automatic TLS on any Linux VPS.
- Implemented role-based access control and isolated container networking to ensure secure multi-user database access.

[github](#)

Skills

Programming & Scripting

Python, Bash, Shell Scripting, JavaScript, TypeScript

Cloud Platforms

AWS (EC2, S3, IAM, VPC, Lambda), Azure

DevOps & CI/CD

Jenkins, Ansible, Git, GitHub Actions, CI/CD Pipelines

Containers & Orchestration

Kubernetes, Docker, Docker Compose, Traefik, Helm

Monitoring & Observability

Prometheus, Grafana, SolarWinds, Log Analysis

Databases & Networking

PostgreSQL, MongoDB, Linux, Cisco (Routers, Switches, Prime)

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900)

August 2024

Microsoft

[cert](#)

Certified Kubernetes Administrator (CKA) – In Progress

2025

Cloud Native Computing Foundation (CNCF)