



Satyam Agrawal

Sr. SRE/DevOps Engineer

Driven and detail-oriented Sr. SRE/DevOps Engineer with a strong passion for continuous learning and solving complex problems. Experienced in managing robust **CI/CD pipelines**, automating infrastructure, and ensuring **system reliability** through proactive **monitoring, alerting**, and **production troubleshooting**. Thrive in dynamic environments and excel at building resilient, scalable systems.

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TECHNICAL SKILLS

Cloud & Infrastructure	AWS, GCP, Terraform, AWS CloudFormation	Scripting & Languages	Bash, Python, Lua, PowerShell
CI/CD & Automation	Jenkins, GitLab CI, CircleCI, Helm, Playwright (Integrated with Jenkins), Rundeck, Jenkins Pipelines, Cron Jobs, Lambda Scripts	Networking & Security	VPNs (Pritunl), Load Balancers, DNS, Firewalls, Teleport Access Proxy, Snort, Wazuh, Vault, PrivateBin Security, Best Practices
Monitoring and Logging	Prometheus, Grafana, Loki, ELK Stack, OpenSearch, Fluentd, Fluent Bit	Database & Frameworks	MySQL, H2, PostgreSQL, Redshift, RDS, MongoDB, Django, Tkinter
Containerization & Orchestration	Docker, ECS, Kubernetes	Version Control	GitHub, GitLab, Gitea

WORK EXPERIENCE

Sr. SRE/DevOps Engineer Fleetx Technologies Private Limited

05/2024 - Present

Gurugram, Haryana

Achievements/Tasks

- ◇ Managing **CI/CD pipelines** using Ansible and Jenkins, integrated **Playwright automation** for testing and report visualization via internal hosting.
- ◇ Migrated self-hosted applications from **EC2 to Kubernetes**, leveraging **Helm** for efficient and repeatable deployments.
- ◇ Integrated **OpenSearch** with **Fluentd** and **Fluent Bit** for centralized logging in K8s infrastructure.
- ◇ Actively monitoring infrastructure using **Prometheus exporters** and **Alertmanager**; resolving application-level issues such as **5xx errors**.
- ◇ Introduced and configured **Teleport** for secure, auditable access to critical infrastructure. Set up and maintained **Pritunl VPN** to ensure secure internal network access.
- ◇ Utilized tools like **Rundeck**, **AWS**, **Metabase**, **CubeAPM**, **Grafana**, **Prometheus**, and **Loki** for orchestration, monitoring, and observability.
- ◇ Developed automation and **scripting** solutions to address infrastructure and deployment inefficiencies.
- ◇ Strengthened system **security** with **Snort** and **Wazuh**, enabling proactive threat detection and response.
- ◇ Leveraged **Cloudanix** to detect and resolve cloud security issues; created **AWS Lambda** functions to auto-remediate common misconfigurations during resource provisioning.

WORK EXPERIENCE

DevOps Engineer

ONTIC TECHNOLOGIES INDIA PRIVATE LIMITED

09/2023 - 04/2024

Noida, Uttarpradesh

Achievements/Tasks

- ◇ Deployed and managed self-hosted Kubernetes (K8s) clusters on GCP, migrated services from VMs to K8s for enhanced scalability and maintainability.
- ◇ Designed and implemented CI/CD pipelines for K8s using Helm and Jenkins, streamlining deployment workflows.
- ◇ Configured monitoring and logging solutions for Kubernetes to ensure system observability and reliability.
- ◇ Diagnosed and resolved infrastructure-related issues including memory, disk, and CPU bottlenecks.
- ◇ Provisioned and configured various GCP services to support application and infrastructure requirements.
- ◇ Enforced Kubernetes security best practices to ensure cluster and workload protection.
- ◇ Maintained and updated YAML configuration files for infrastructure and application-level changes.

DevOps Engineer

Nykaa (FSN E-Commerce Ventures Ltd)

09/2021 - 09/2023

Gurugram, Haryana

Achievements/Tasks

- ◇ Led automation initiatives using Shell and Python, improving workflows, boosting productivity, and reducing operational costs.
- ◇ Configured and managed ECS environments, initiated EKS adoption to streamline service deployment. Deployed and maintained AWS services: IAM, EC2, ECS, Redshift, Route53. implemented Lambda for alerts/notifications to enhance system monitoring.
- ◇ Optimized ECS costs using Spot and On-Demand instances, automated with Lambda and SNS for a resilient architecture.
- ◇ Used Terraform to provision infrastructure as code, improving deployment speed and resource scalability.
- ◇ Customized API behavior in KONG using Lua for pre/post request processing, aligned with project-specific requirements.

SOFT SKILLS

Analytical Problem Solving

Collaboration & Teamwork

Effective Communication

Adaptability

Attention to Detail

Proactive Mindset

EDUCATION

Bachelor of Engineering (B.E.)

Global Institute of Technology

Jaipur, Rajasthan

PERSONAL PROJECTS

Task Management System (05/2019 - 07/2019)

- ◇ Developed a web application using **Django** to manage daily tasks and work schedules, helping users stay organized and productive.

Hand Gesture Recognition (Minor Project) (08/2019 - 12/2020)

- ◇ Built a **Machine Learning** model to detect and classify hand gestures using computer vision techniques.

Image and Video Recognition (Major Project) (01/2020 - 03/2020)

- ◇ Implemented a **Machine Learning** system to analyze images and videos, generating descriptive statements based on the content.