

Atul Y. Patil

Devops Engineer

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📍 Pune

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👤 PROFILE

DevOps Specialist with 2+ years of experience in orchestration, CI/CD, Linux, containers, and monitoring. Skilled in implementing CI/CD pipelines, Docker, Kubernetes, AWS, Linux and Big Data. Aiming to expand technical skills and lead impactful DevOps projects.

🧠 SKILLS

Version Tools

Git, Gitea

Containerization

Docker, Containerd

CI/CD

Jenkins

Orchestration

Kubernetes, EKS

Operating System

Linux, Windows, MacOS

Cloud Services

Amazon Web Services:
EC2, S3, ECR, ELB, AWS CLI, Auto scaling,
EBS, EFS, EKS, IAM, AWS amplify

Web Servers

Nginx, Apache, Tomcat

Big Data & Databases

Hadoop, HDFS, MongoDB, Hbase, MySQL

Monitoring Tools

Prometheus, Grafana,
Graylog.

Configuration Management

Ansible, Terraform

Ticket Tracking Tool

Mantis

📁 PROFESSIONAL EXPERIENCE

Network Components Pvt. Ltd.

Devops Engineer

08/2022 – present | Pune, India

- **Linux Admin:** Maintaining ownership and permissions of files and directories on Linux server. Monitoring system logs and processes on same.
- **Automation tool:** Jenkins setup, upgrades, plugins installation, creating views, manage and assign roles, projects-based user access. Automating release procedure using Jenkins for different server environments.
- **Microservices:** Created CI/CD setup for Microservices code release as per developer's requirement. Configured them with canary deployment strategy for zero downtime.
- **Docker:** Deploying applications. Creating Dockerfiles for containerizing applications. Creating private Docker registry to store and access Docker image.
- **Kubernetes:** Creating Kubernetes cluster using Kubespray. Deploying applications, creating namespaces, services, Persistent Volume as required. Monitoring pods for CPU and memory utilization.
- **Git:** Creating users and configuring repositories for various projects. Assisting developers for operations like pull, push, commit, merging on repositories. Creating triggers for Jenkins jobs using Webhooks.
- **Cloud Platform Management:** Managed AWS services like EC2, S3, VPC, EKS, and Auto Scaling to ensure scalable, reliable, and secure infrastructure.
- **Monitoring & Logging:** Deployed Prometheus, Grafana, and Graylog for real-time monitoring and logging, optimizing system performance and health.

📁 PROJECTS

Clouzer Project

08/2022 – present

- **AWS Infrastructure Optimization:** Architected scalable solutions using EC2, S3, ECR, VPC, EKS, and ELB to improve performance and reliability.
- **CI/CD Pipeline Development:** Designed and streamlined pipelines for microservices deployment.
- **Kubernetes Administration:** Managed clusters, optimized resource usage, and automated machine setup with Ansible.
- **Team Mentorship:** Guided junior members, enhancing skills and collaboration.

IOT: Home automation hubs

08/2022 – present

- **Release Pipeline Management:** Orchestrated release pipelines with Jenkins, ensuring smooth and efficient deployment workflows.
- **Microservices Deployment:** Leveraged Docker for containerizing and deploying microservices, enhancing scalability and consistency across environments.
- **System Automation:** Created and maintained shell scripts to automate system tasks, driving operational efficiency and streamlining processes.

🎓 EDUCATION

B.Tech

Dr.Babasaheb Ambedkar Technological University

08/2017 – 09/2021 | Sangli, India