

SUMIT PATANKAR

DevOps Engineer



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OBJECTIVE

Seeking a dynamic career opportunity in Cloud automation and DevOps, leveraging my expertise in containers to drive organizational growth. Dedicated to delivering high-quality solutions and contributing to the success of forward-thinking teams.

PROFESSIONAL SUMMARY

- Seasoned DevOps Engineer with 6+ years of experience, adept at utilizing both licensed and open-source tools to deliver innovative solutions and drive customer satisfaction.
- Proven track record of successfully developing, deploying, and optimizing systems to enhance uptime and efficiency.
- Proficient in installing, configuring, monitoring, and troubleshooting Linux production servers, with a strong focus on securing and hardening services such as SSH and Firewalls.
- Extensive hands-on experience with AWS services including EC2, EBS, VPC, S3, IAM, Security Groups, and NACLs, coupled with expertise in managing Docker containers, networks, volumes, and nodes.
- Skilled in creating and managing DNS records on Cloudflare panel, and proficient in scripting languages including shell, bash, and JavaScript for migration tasks.
- Well-versed in CI/CD tools like Jenkins, Git, and GitLab, with a deep understanding of Kubernetes for advanced container management and deployment strategies.
- Hands-on experience with configuration management tools such as Ansible, including writing playbooks and creating scalable roles for improved scalability and reusability.
- Sound knowledge of Terraform for Infrastructure as Code (IAC) practices, facilitating the creation and management of AWS resources like EC2, VPC, and S3.
- Proficient in Agile software methodology, ensuring efficient project delivery and collaboration within cross-functional teams.

WORK EXPERIENCE

Evolphin Software, CA, USA, Remote

DevOps Engineer

August 2021 - Present

- Spearheaded the implementation of scalable systems, driving business growth and achieving an average uptime of 99.97%.
- Resolved server configuration issues, developed scripts to ensure seamless server operations and provided expert assistance for Linux-based inquiries.
- Managed the creation and administration of AMIs, snapshots, and volumes, optimizing AWS resources for performance and cost efficiency.
- Led the deployment of the Zoom application in a containerized environment on AWS, overseeing POC, UAT, and post-upgrade testing phases.
- Coordinated server downtimes for patching, memory upgrades, and administrative activities

HARD SKILLS

Container Tools: Docker,

Kubernetes, Docker Compose

Cloud Platforms: AWS

Server Operating Systems:

RedHat/CentOS 7

Orchestration Tools: Docker Swarm, Kubernetes

CI/CD Tool: Jenkins (basic)

Scripting Languages: Bash/Shell

Version Control: Git

Monitoring Tools: ELK

(Elasticsearch, Logstash, Kibana), Nagios, Site24x7

in collaboration with relevant teams.

- Successfully migrated customer data (~189TB) from physical systems to AWS-hosted Zoom application using S3 buckets, bash scripts, and containers, achieving a success rate of 99.89%.
- Optimized container management using Docker, reducing the size of Docker images by 75% across all development and production servers.
- Implemented the Site24x7 managed monitoring tool to enhance system visibility and performance monitoring capabilities.
- Developed bash/shell plugins to seamlessly integrate Zoom application services with Site24 monitoring for streamlined operations.

Nokia Networks and Solutions

Linux Engineer

Dec 2019 - July 2021

- Administered Linux and Solaris servers, overseeing network administration, monitoring, and daily health checks.
- Managed file systems and DNS configurations to ensure optimal system performance.
- Coordinated with multiple teams to troubleshoot and resolve issues, handling all administrative tasks efficiently.
- Conducted physical server upgrades, including disk additions and faulty part replacements in the data center environment.
- Implemented automation solutions for routine administrative tasks, reducing manual effort and improving operational efficiency.

DXC TECHNOLOGY

Linux/Systems Administrator

Apr 2018 - Dec 2019

- Managed the installation, configuration, maintenance, and troubleshooting of server hardware, software, and operating systems to ensure optimal performance and reliability.
- Utilized Nagios monitoring tool to monitor server health, disk, CPU, and memory utilization of Linux servers, ensuring proactive identification and resolution of potential issues.
- Implemented file system configuration and management practices, including server backups and recovery procedures, to safeguard data integrity and availability.
- Developed and maintained comprehensive training material and server documentation to facilitate knowledge transfer and ensure operational transparency.

Database Management: MySQL

Configuration Management:

Ansible

Project Management Tools: Jira,

Asana

Programming Languages: Python

(basic), Bash/Shell

Infrastructure as Code (IAC):

Ansible, terraform, YAML

AWS Services: EC2, VPC, S3, EBS,

IAM

Continuous Delivery Practices

TECHNOLOGY

KEYWORDS

Lvm, swap, scp, rsync, crontab, grep, ip, netstat, docker, ansible

EDUCATION DETAILS

Nagpur University

Bachelor of Engineering in
Computer Science & Engg.

State Board

HSC, SSC

AWARDS

- **Star of Month twice** (for Oct-21, Jan-22 within first 6 months of joining) – Evolpin
- **Rising Star of the Month** (Feb) – Evolpin

PROFESSIONAL DEVELOPMENT

- Successfully completed RHCSA and RHCE training from GRASS Institute, gaining proficiency in Linux administration and engineering.
- Completed courses on Docker Certified Associate (DCA), Certified Kubernetes Administrator (CKA), and Certified Kubernetes Application Developer (CKAD) from Acloudguru platform, expanding knowledge in containerization and orchestration.
- Engaged in over 500 hours of practice in cloud playgrounds for creating, configuring, and managing infrastructure on AWS, enhancing skills in cloud computing and infrastructure management.
- Obtained certification as a Red Hat Certified Engineer (RHEL8) with Ansible, showcasing expertise in automation and

configuration management.

- Completed training in managing AWS with Ansible and deploying to AWS with Terraform and Ansible, augmenting proficiency in cloud automation and orchestration.
- Attained certification as a HashiCorp Certified Terraform Associate, demonstrating competence in infrastructure as code (IAC) and automation.

PROJECTS

Install and configure docker and kubernetes bootstrapping using ansible. [GitHub repo](#)

And more.

DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true and complete to the best of my knowledge.

Date:

Place:

SUMIT PATANKAR