Yuvraj Pawar

Senior DevOps Engineer

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📇 SUMMARY

- **Results-driven DevOps & Cloud Engineering Leader** with **7+ years of experience** architecting and managing scalable, secure, and high-availability solutions across **AWS, Azure & GCP**.
- Served as an **Team Lead**, helping customer success and delivery for multiple **AI/ML product teams**, translating business goals into technical architecture and execution.
- **Architected 0→1 ML data platforms**, ensuring **multi-tenant scalability**, **data governance**, and **optimized cloud cost structures** for enterprise workloads.
- Spearheaded **deployment architecture design** and **CI/CD automation**, accelerating product releases and improving operational reliability.
- Skilled in leveraging modern DevOps toolchains—**Terraform, Jenkins, ArgoCD, Kubernetes, Docker, GitHub Actions**—to enable infrastructure as code and continuous delivery.
- Known for **strategic thinking, cross-functional collaboration**, and the ability to bridge technical depth with business outcomes, ensuring measurable impact and customer satisfaction.

🧠 SKILLS

Cloud
AWS: VPC, EC2, S3, Lambda, RDS, API Gateway, SQS, SNS, Cloudwatch, Cloudtrail, ECS, EKS, SageMaker, Bedrock, Data Lake, Cloudfront, IAM.
Azure: VNET, VM, Azure Cache Redis, Foundry, AKS, CosmosDB, Neo4j, Blob Storage, KeyVault, Databricks, IAM, App Service, API Management Service, Transit Gateway, NSG
GCP: Cloud compute, ALB, VPC, Firewall Rules, Cloud SQL, BigQuery,

Monitoring
Prometheus, Loki, Grafana, Nagios, ELK

Containerisation
Docker, Kubernetes

Configuration Deployment
Ansible, Chef

IaC
Terraform, Terragrunt

CI/CD
Jenkins, GitHub Actions,Gitlab-CI, ArgoCD, Azure Devops

Linux
Server Configuration, Troubleshooting

Programming Languages
Python, Boto, Bash

Database
Mysql, MongoDB, ScyllaDB, PostgreSQL, Neo4j

Version Control`
GitHub, Gitlab, Bit-Bucket

💼 PROFESSIONAL EXPERIENCE

Mar 2025 – Present
Pune, India

Indexnine Technologies Pvt. Ltd.
Lead DevOps Engineer

- Optimized observability stack by researching and evaluating Datadog alternatives, improving monitoring reliability and reducing operational costs.
- Enhanced application security by migrating environment variables to AWS Secrets Manager, enabling safer and more efficient deployments.
- Automated EC2 provisioning for web application servers, cutting manual setup time from hours to minutes and ensuring consistent, scalable environments.
- Led PostgreSQL migration from EC2 to Amazon RDS, reducing maintenance workload by 75% and improving uptime with automated backups and scaling.
- Restored automated PostgreSQL backups to S3, ensuring robust disaster recovery and minimizing risk of data loss.
- Defined and executed Disaster Recovery (DR) roadmap, including backup, restore, and cross-region S3 replication strategies to minimize downtime.
- Built DR infrastructure automation using Terraform, enabling rapid, repeatable environment recovery in the DR region.
- Implemented automated backup and clean up policies for ESRI ArcGIS environments, improving reliability and optimizing storage usage.
- Improved CI/CD pipelines in Bitbucket by applying best practices for reliability and maintainability.
- Hardened cloud security posture by restricting security group access, integrating AWS WAF, and enforcing least-privilege IAM roles.
- Developed and maintained monitoring systems with Prometheus and Grafana to track key metrics for ML model performance, such as prediction latency, throughput, and error rates.

Jan 2025 – Mar 2025
Pune, India

One2N Consulting Pvt. Ltd.
Site Reliability Engineer

- Developing Scalable REST APIs using Python (Flask/Fast api), ensuring high performance and security best practices.
- Containerizing Microservices with Docker and Kubernetes, adhering to industry best practices for efficiency and maintainability.
- Automating Local Environment Setup for developers, streamlining onboarding and enhancing productivity.
- Implementing Comprehensive Observability for production environments using Prometheus, Grafana, Loki, and Promtail to enable proactive monitoring and troubleshooting.
- Authoring Helm Charts for Kubernetes deployments, following industry-leading best practices for scalability and maintainability.
- Managing and Optimizing Kubernetes Clusters on AWS EKS, ensuring high availability and security.
- Designing and Implementing CI Pipelines with GitHub Actions to enable automated testing, deployment, and integration.
- Building Kubernetes Clusters from Scratch on bare-metal servers, ensuring reliability, scalability, and high availability.
- Worked on setting CICD pipelines in Azure Devops.

Nov 2019 – Jan 2025
Pune, India

Talentica Software India Pvt. Ltd.
Lead CloudOps Engineer
Project: Digital Turbine

Role and Responsibilities:
- Handling a team of highly qualified Cloud Ops Engineers.
- Implemented best ITIL practices in team for incident and change management

- Identify, tackle, and mitigate system failures and security vulnerabilities with ORCA vulnerability scanner.
- Delivering Quality and Ensuring the Quality of work to fulfill the KPI.
- Planning Epics and Sprint for weekly planned activities to achieve targets on time.
- Manage GCP services like Compute Engine, Storage, BigQuery, IAM and Kubernetes Engine.
- Manage the CICD setup of GKE cluster using ArgoCD.
- Automate complex GCP infrastructure with the help of Terragrunt, Terraform and Chef.
- Prepare deployment and release plans and execute releases to a high-availability, multi-tiered, scalable production environment with minimal downtime.
- Work with architects, developers and operations on deploying critical applications.
- Written multiple monitoring scripts/ cronjobs in Bash.
- Wrote lambda functions in python for cloudwatch alerts and bucket object notifications.
- Dockerized all applications by creating a custom Docker image.
- Understand problems that clients face while using the products and work on it.
- Owning all tasks related to automation from the Cloud Ops Team.
- Exploring AWS services like VPC, EC2, S3, ELB, ASG, EBS, IAM and CloudWatch , Route 53, RDS, Lambda, SQS, SNS, ECR
- Build a multiarch environment for easy and faster scalability between two different architectural machines.
- Infrastructure Provision by Ansible and Terraform (Module: ASG, Launch Template, Instance, Route53, Security Group, ASG policy.)
- Monitor and maintain all production servers and their respective services using Nagios, Slack, Prometheus, Grafana and shell scripts.
- Manage AWS activities such as launching and terminating servers, backing up server images and maintaining S3 storage buckets.
- Automate and monitor data backup, reports and repeated activities using scripts.
- Monitor, Investigate and Escalate logs of important applications whenever any issues are found.
- Troubleshoot and fix issues with services including web and database servers.
- Developing and maintaining CI/CD processes for applications using tools like Gitlab-CI and Jenkins.
- Good Knowledge of Apache open source tools such as Kafka, zookeeper and maintaining the clusters in the current project.
- Maintain and update confluence documentation as well as knowledge-base on a regular basis.

Jul 2018 – Nov 2019 Pune, India	**Admaxim India Pvt. Ltd.** Linux System Administrator

- Implementing and supporting cloud-based infrastructures and its solutions.
- Launching EC2 instances using AMI's of Linux, Ubuntu, RHEL and Windows and writing shell scripts to bootstrap instances.
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS accounts and its resources.
- Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
- Created Snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
- Created and configured Elastic Load Balancers and Auto Scaling Groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.

- Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- Experienced with installation of AWS-CLI to control various AWS services through Shell scripting.
- Responsible for Continuous Integration using Rundeck along with Ansible and Shell scripts to automate routine jobs.
- Written Cron jobs to perform operations at a scheduled time

🎓 EDUCATION

2017 Pune, India	**Bachelor of Engineering** Savitribai Phule Pune University
2013 Rahuri, India	**HSC (Information Technology)** De Paul Junior College,Rahuri Factory

📜 CERTIFICATES

AWS Certified Solution Architect Professional
ID- 9ZRZX3YLK1141V5W

Red Hat Certified System Administrator (RHCSA)
ID- 180-149-932

Red Hat Certified Engineer from SEED Infotech

Certified Ethical Hacker
ID- ECC77374334212

Terraform Certified Associate
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