Aditya Pawar *AWS DevOps Engineer*

adtypwr@gmail.com 8668318987

Zenda Chowk,Mahal,Nagpur

Profile Summary

- Analytical and problem-solving professional with experience in providing technical support, troubleshooting, and resolving complex issues related to products and services.
- Proficient in TCP/IP, networking, DNS, HTTP, HTML, JSON, JavaScript, and REST APIs, with a strong understanding of cloud technologies and integrations.
- Skilled in conducting research, analysis, and root cause identification for technical problems, contributing to product enhancements and improvements.
- Experienced in handling security-related concerns, including SSL, legal compliance, and data protection measures.
- Adept at collaborating with cross-functional teams, including development, product, and engineering, to ensure seamless product delivery and customer satisfaction.
- Strong analytical and problem-solving skills, with the ability to work independently and provide effective solutions in a fast-paced environment.
- Excellent communication and documentation skills, with the ability to convey technical information to both technical and non-technical audiences.

Professional Experience

AWS DevOps Engineer 2021/04 – present | Nagpur
Tata Consultancy Services

- **Streamlined build, deploy, test, and reporting processes by implementing Jenkins CI/CD pipelines using Git, resulting in a ~50% reduction in manual effort and a ~30% increase in team productivity.**
- **Architected and executed end-to-end CI/CD pipelines using Jenkins and GitLab, achieving a ~40% reduction in deployment time and a ~25% increase in overall release frequency.**
- **Led Disaster Recovery (DR) activities and contributed to minimizing system downtime by ~45% during critical incidents, ensuring uninterrupted customer service through performance testing.**
- **Managed Git configuration, branching, merging, and push operations.**
- **Configured and managed Amazon Web Services (AWS) services like EC2, S3, EBS, RDS, VPC, IAM using Terraform and CloudFormation.**
- **Built EC2 servers on AWS, imported volumes, created Auto Scaling groups, Load Balancers, and Route 53 using Terraform.**
- **Containerized Java applications using Dockerfile best practices and integrated with different microservices using Docker.**
- **Structured Kubernetes manifests and Helm Charts for deployment of microservices into Kubernetes clusters.**
- **Implemented Kubernetes clusters on AWS with Route53 from scratch.**
- **Performed operational duties, including application server health monitoring, service recycling, and maintaining operational documentation.**
- **Identified and resolved operational issues related to batch failures, network issues, and client data feed errors, ensuring minimal system downtime.**
- **Monitored server performance, memory utilization, CPU, file systems, databases, and batch jobs, ensuring optimal system health and uptime.**
- **Produced metric reports, including daily production status, for stakeholders.**

- **Reviewed client support tickets and requests under service SLAs, resolving level 2 and level 3 issues (application support, DBs, and data center related).**
- **Documented issues in customer support portals and maintained accurate run books.**
- **Provided on-call off-hour support and worked during non-prime shift hours as required.**
- **Collaborated effectively with developers and team members to troubleshoot and resolve complex issues.**
- **Utilized Unix, Linux, Windows, Tomcat, SSH, and basic scripting skills for system administration and automation tasks.**

Skills

Container Orchestration: ●●●○○
Docker, Kubernetes

Cloud Platforms: ●●●●○
AWS, Azure

Infrastructure as Code (IAC): ●●●○○
CloudFormation

Version Control: ●●●○○
Git/ Github

Scripting and Programming: ●●●●○
Shell, Bash

Configuration Management: ●●●○○
Ansible

CI/CD Tools: ●●●○○
Jenkins

Projects

Deployed a Two Tier Application
- Successfully deployed a Two-Tier App using Flask and MySQL on AWS EKS managed service for Kubernetes
- Designed the system to be scalable for up to 10,000 concurrent users, ensuring optimal performance
- Implemented measures that reduced downtime by 80%, increasing overall system reliability
- Improved fault tolerance by 50%, ensuring seamless operation even in the event of failures
- Implemented Prometheus for event and alert monitoring, Loki for Logs collection and Grafana for Visualization

Migration of Monolithic Application to Microservices
- Successfully migrated a 3-Tier Monolithic Application to Microservices on Kubernetes.
- Implemented measures to automate the Continuous integration process.
- Automated the provision of cloud infrastructure for K8S Master node and configuration manager of K8S cluster nodes.
- Implemented Promtail-Loki for Logging and Grafana for Visualization.