

PRANAV KEDAR

SITE RELIABILITY ENGINEER

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CAREER SUMMARY

Site Reliability Engineer with firsthand expertise in Linux, shell scripting, AWS, Git, Python, Docker, Kubernetes, Jenkins, Apache, and Tomcat. Experienced in troubleshooting and maintaining resilient systems, with a strong focus on simplifying complexity, optimizing processes, and fostering clear, effective communication.

EDUCATION AND CERTIFICATION

Bachelor's degree (Electrical Engineering) 9.1/10 AISSMS COE, Pune University	2018-2022
HSC(Science) 73/100 MES Abasaheb Garware Collage, Pune University	2017
SSC 91/100 Kalika Devi Vidyalaya, Shirur(ka), Beed	2015

TECHNICAL SKILLS

Linux, shell scripting, AWS, Helm, Argo CD, Git, Python, Docker, Kubernetes, Jenkins, Apache, Middleware (WebLogic, WebSphere) and Tomcat.

WORK EXPERIENCE

Site Reliability Engineer | VOIS Nov 2023- Present

- Lead WebLogic server deployments, including application rollout, patching, and configuration updates.
- Managed BAU (Business as Usual) WebLogic activities such as health checks, log analysis, performance tuning, and service restarts.
- Executed SSL/TLS certificate renewals and integrations across platforms.
- Monitored health of system using Nagios, setting up alerts and thresholds for early incident detection.
- Implemented secure data transmission using GPG encryption and managed file transfers via SFTP and SSH.
- Worked with AWS IAM policies for user access control and security best practices.
- Automated operational tasks using Shell scripting to reduce manual workload and improve efficiency.
- Performed backup and recovery operations ensuring data integrity and availability.
- Maintained containerized workloads on Kubernetes, utilizing Helm charts for package management and deployments.
- Streamlined CI/CD workflows using Jenkins, integrated with GitHub and Argo CD for version control and GitOps-style deployment.
- Managed comprehensive AWS networking configurations including VPCs, Subnets, Load Balancers (ALB/NLB), Security Groups, NAT Gateways, Route Tables, and DNS with Route 53 to ensure scalable and secure infrastructure.
- Authored and maintained Helm charts for Kubernetes deployments, improving deployment consistency and integrating GitOps workflows using Argo CD.

- Developed and maintained infrastructure as code using Terraform, automating provisioning and configuration of AWS resources like VPCs, load balancers, IAM roles, and EC2 instances, improving deployment speed and consistency across environments.

GET | VOIS

Nov 2022- Nov 2023

- Provided end-to-end support for Pega applications deployed on Apache Tomcat.
 - Performed Pega deployments and updates, ensuring minimal downtime and adherence to release protocols.
 - Managed backend tasks involving database queries and updates related to Pega, contributing to performance tuning and issue resolution.
 - Gained foundational experience in application management and automation practices within middleware environments.
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PROJECTS

Secure 2-Tier Application Deployment on AWS

- Designed and deployed a 2-tier architecture on AWS, ensuring secure and scalable application hosting.
- Used an AWS Bastion Host to enable secure SSH access to private EC2 instances.
- Configured private and public subnets in AWS VPC to isolate the database layer from external access.
- Implemented Nginx as a reverse proxy for traffic management and MySQL as the backend database.
- Automated infrastructure provisioning using Terraform, reducing deployment time by 40%.
- Monitored application health using CloudWatch and AWS Systems Manager for efficient troubleshooting.