ASPAK KALEBAIGARI

SRE & DevOps Engineer

aspakkale8@gmail.com | +91 7558600733 | Linkedin

PROFILE SUMMARY

Seeking a DevOps Engineer role to leverage 4+ years of expertise in architecting and implementing robust cloud infrastructures. Aim to optimize development and deployment processes through automation, CI/CD pipelines, and infrastructure as code. Committed to driving operational efficiency and delivering high-quality software products.

SKILLS

Cloud Platform	:	Aws, Azure
SCM tool	:	GIT , Git Hub, Azure Repos
Build tool	:	Maven
CI/CD tools	:	Jenkisn, Azure DevOps
Containerization tool	:	Docker
Infrastructure tool	:	Terraform
Configuration management tool	:	Ansible
Container Orchestration tool	:	Kubernetes, ECS, EKS
Monitoring tools	:	DataDog, Splunk, AWS CW, Promotheus and Grafana
Scripting	:	Shell Scripting
Security tools	:	SonarQube, Trivy

PROJECTS

1. **Vodafone Shared Services**   Aug, 2022 to present

Role	:	Assistant Manager - SRE & DevOps engineer
Domain	:	E-Commerce
Environment	:	AWS, Git Hub, Jenkins, Shell script, Docker, Kubernetes EKS, Terraform, Prometheus, Grafana, SonarQube, Trivy, Remedy, Jira, My SQL.

- Designed, built, and deployed multiple applications utilizing most of **AWS** services including EC2,S3, VPC, IAM, SNS, ECS, ECR, CW, ELB and Auto Scaling.
- Worked on Web Application Firewall (**WAF**) rules for protect the Web Application.
- Leveraged GitHub for version control and collaboration, enhancing team efficiency through effective branching strategies, pull request management, and streamlined issue tracking.
- Implemented and created build and release pipelines for the Dev, SIT and Pre-prod and Production environments continuous using **Jenkins**, reducing deployment time by 80%.
- Integrated **SonarQube** and **Trivy** into Jenkins pipelines, applying **DevSecOps** principles to achieve 95% code coverage and improve code quality by 25%, while enhancing build stability and security

- Created and deployed Docker containers for production applications, ensuring reliable and consistent environments while optimizing Docker images for different microservices to enhance efficiency and security.

- Designed and deployed Kubernetes clusters in on-premises and cloud environments, leveraging features such as deployments, services, HPA, RBAC, persistent volumes, and controllers to manage containerized applications. Integrated Jenkins and Argo CD with Kubernetes EKS to automate the CI/CD pipeline, enhancing build, test, and deployment processes for improved efficiency and reliability while enabling GitOps practices for streamlined application delivery.

- Implemented monitoring and observability solutions using Prometheus and Grafana in Kubernetes environments, enabling real-time metrics collection and visualization. This integration facilitated proactive performance tuning and troubleshooting, ensuring optimal application reliability and system health and downtime by 0.1 %

- Documented and maintained run books and knowledge base articles to ensure efficient incident response and knowledge transfer across the organization.

- Managed customer incidents, including account configuration issues, within the defined Mean Time to Resolution (MTTR) using an ITSM incident management console, while supporting Major Incident Management to troubleshoot and resolve application downtime issues promptly, minimizing impact on business operations and enhancing overall customer satisfaction.

- Renewed SHA-2 certificates for various domains, including voxi.co.uk, vbp.vodafone.co.uk, and cdn.vodafone.co.uk, to ensure security and compliance

- Utilized Terraform for the creation of AWS infrastructure and the setup of synthetic journey alerts, resulting in a 60% reduction in manual effort and streamlining resource management.

- Wrote shell scripts to automate routine tasks, saving manual efforts and used Linux file system & commands for effective server management and troubleshooting.

- Experienced in SQL queries for generating e-commerce performance reports, used Jira & Remedy for incident and change management.

2. PAYG PLUS   Feb, 2023 - Apr, 2024

Role   :   SRE & DevOps engineer

Environment   :   AWS, Azure Repos, Azure DevOps, Docker, AWS ECS , Data Dog, AWS CW, PagerDuty

- Designed, developed, and implemented Security using VPC, WAF, IAM, and Security Groups.

- Collaborated with cross-functional teams to implement Git and Azure Repo workflows, enhancing version control and collaboration efficiency.

- Designed and optimized AWS ECS clusters by creating and refining Docker files, ensuring efficient deployment and management of containerized applications.

- Implemented continuous integration and delivery (CI/CD) pipelines using Azure DevOps, reducing deployment times by 30% .

- Utilized Data Dog as Monitoring & logging tool to create multiple health dashboards (e.g., req vs fail, transactions etc..) and metrics for micro-service managed clusters & collaborated with   SRE team and led a team of executives and provided training & support on using this tool with AWS effectively.

- Implemented automated alerting in Data Dog & Cloud Watch to trigger PagerDuty notifications for abnormal behavior, ensuring quick troubleshooting and maintaining application uptime at 99.9% & utilized Splunk for complex error detection.

3. PRISM CORP   july, 2020 - Aug, 2022

Role	:	Cloud Consultant - I
Domain	:	Health Care
Environment	:	AWS, Azure Repos, Azure DevOps, Docker, AWS ECS , Data Dog, AWS CW, PagerDuty

- Managed AWS public cloud infrastructure, focusing on IAM and S3 services to ensure secure and efficient resource management & configured various AWS instances, setting up security groups, ELB, and Auto Scaling to create a cost-effective, and conducted resource allocation and utilization analysis resulted into 15 % reduction infra costs.

- Worked on containerization platform Docker, pulling Docker images & creating from Docker files and running containers from images.

- Coordinated with development teams for continuous integration and continuous deployment by Managing the complete pipeline workflow, from pulling source code from the Git repository to deploying the final product on Tomcat servers using Jenkins and resulting in a 40% increase in overall efficiency.

- Employed Ansible for configuration management, automating installations, upgrades, and security patches, and gained experience with ad-hoc commands to perform one-time tasks across multiple servers, reducing manual effort by 50%.

EXPERINECE

Vodafone Intelligent Solutions (VOIS)	Pune, India
Assistant Manager - SRE & DevOps Engineer	August, 2022 - Present
INFO VISTA SOFTWARE PRIVATE LIMITED	Mumbai, India
Cloud Consultant - I	July, 2020 to Aug, 2022

EDUCATION

Sree Vidyanikethan Engineering College	Tirupati, India
Electrical, B.Tech, CGPA: 7.07	Sept/2014 - May/2018
Sree Chaitanya Junior College	Kurnool, India
Board of Intermediate Physics, Chemistry & Math's GPA: 9.5	June/2012 - April/2014

HONORS&AWARDS

- Have been recognized for living the Spirit of Vodafone behavior Experiment, learn fast Star Award twice.