

ASPAK KALEBAIGARI

SRE & DevOps Engineer

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PROFILE SUMMARY

Seeking a DevOps Engineer role to leverage 4+ years of expertise in architecture 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 %.
- Skilled in using the **ELK** Stack (Elasticsearch, Logstash, and Kibana) to manage logs and visualize data, helping teams quickly identify issues and improve system performance.
- 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, Launch Darkly, Remedy.

- 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

Apr, 2019 - 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%.
- Proficient in **Linux** system administration, including installation, configuration, and troubleshooting, with strong skills in Bash scripting and system monitoring.

EXPERINECE

Vodafone Intelligent Solutions (VOIS)

Pune, India

Assistant Manager - SRE & DevOps Engineer

August, 2022 - Present

INAVANTAGE PRIVATE LIMITED

Bengaluru, India

DevOps Engineer

Apr, 2019 to Aug, 2022

EDUCATION

Sree Vidyanikethan Engineering College

Electrical, B.Tech, CGPA: 7.07

Tirupati, India

Sept/2014 - May/2018

Sree Chaitanya Junior College

Board of Intermediate Physics, Chemistry & Math's GPA: 9.5

Kurnool, India

June/2012 - April/2014

HONORS&AWARDS

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