

# ASPAK KALEBAIGARI

SRE & DevOps Engineer

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## PROFILE SUMMARY

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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

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

## PROJECTS

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### 1. Vodafone Shared Services

Assistant Manager - SRE & DevOps engineer

Aug, 2022 to present

- Designed and deployed applications on **AWS** using services like EC2, S3, VPC, SNS and IAM and developed Web Application Firewall (**WAF**) rules to secure the web application.
- Utilized **GitHub** for version control, improving team collaboration with effective branching and streamlined issue tracking.
- Created CI/CD pipelines in **Jenkins** for Dev, SIT, Pre-prod, and Production, reducing deployment time by 80%.
- Integrated **SonarQube** and **Trivy** into Jenkins pipelines, achieving 95% code coverage and enhancing code quality by 25%.
- Built and deployed **Docker** containers for production applications, optimizing images for microservices to ensure consistent environments.
- Designed and deployed **Kubernetes** clusters in on-premises and cloud environments and integrated Jenkins and **Argo CD** with **EKS** to automate the CI/CD pipeline for improve efficiency by **GitOps** practices.

- Proficient in Kubernetes concepts, including Pods, ReplicaSets, Deployments, StatefulSets, DaemonSets, Services, Ingress and Nodes. Experienced with Persistent Volumes, TLS certificates, RBAC for access control, and HPA to ensure scalable and secure application management.
- Designed monitoring solutions with **Prometheus** and **Grafana**, and **DataDog** enabling real-time metrics and reducing downtime to 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 effectively using ITSM tools, ensuring adherence to defined **MTTR** while minimizing business impact.
- 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.
- Automated routine tasks with **shell scripts** and used Linux commands for efficient server management.
- Proficient in **SQL queries** for generating e-commerce performance reports and experienced with **Jira** and Remedy for incident and change management.

## 2. PAYG PLUS

SRE & DevOps engineer

Feb, 2023 - Apr, 2024

- Designed, developed, and implemented Security using VPC, WAF, IAM, and Security Groups.
- Collaborated with cross-functional teams to enhance version control and workflow efficiency with Git and Azure Repos.
- Designed and optimized **AWS ECS** clusters by refining Docker files for efficient deployment and management of containerized applications.
- Established CI/CD pipelines with **Azure DevOps**, achieving a 30% reduction in deployment times.
- Leveraged **DataDog** for monitoring and logging, creating health dashboards to track key metrics for microservices and providing training for effective use with AWS.
- Automated alerting in DataDog and CloudWatch to trigger **PagerDuty** notifications for abnormal behavior, ensuring 99.9% application uptime and utilizing Splunk for advanced error detection.

## 3. PRISM CORP

Cloud Consultant - I

July, 2020 - Aug, 2022

- Managed **AWS** infrastructure, focusing on IAM and S3 for secure resource management; configured instances and Auto Scaling, reducing costs by 15%.
- Used **Docker** for containerization, creating and managing images & containers efficiently.
- Enhanced CI/CD processes by coordinating with teams and managing **Jenkins** pipelines, achieving a 40% boost in efficiency.

- Automated configuration management with **Ansible**, cutting manual effort by 50% through streamlined installations and upgrades.
- Proficient in **Linux** system administration, including installation, configuration, and troubleshooting, with strong skills in Bash scripting and system monitoring.

## EXPERINECE

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### Vodafone Intelligent Solutions (VOIS)

Pune, India

Assistant Manager - SRE & DevOps Engineer

August, 2022 - Present

### IBM

Bengaluru, India

DevOps Engineer

July, 2020 to Aug, 2022

## EDUCATION

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### 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

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