ASPAK K
SRE & DevOps Engineer
aspak.kalebaigari@gmail.com | +91 7997645681 | Linkedin

PROFILE SUMMARY

Seeking a DevOps Engineer/SRE role to leverage 4.5 + 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

✓ AWS	✓ Azure	✓ GIT & GITHUB	✓ Shell Scripting
✓ Kubernetes	✓ Kubeadm	✓ EKS	✓ AWS ECS
✓ Docker	✓ Maven	✓ Jenkins	✓ Azure DevOps
✓ Terraform	✓ Ansible	✓ Data Dog	✓ Splunk
✓ Prometheus	✓ Grafana	✓ EFK	✓ MySQL
✓ SonarQube	✓ Argo CD		

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)

- AWS Certified Solutions Architect - Associate (SAA-C03)

PROJECTS

PROJECT 1   :   Vodafone.co.uk & Voxi.co.uk
Company   :   VOIS (Aug 2022 to present)
Role   :   Assistant Manager - SRE & DevOps engineer

- Designed and deployed **Kubernetes** clusters in on-premises with **kubeadm** and in cloud with **EKS**. And Integrated Jenkins with EKS and **Argo CD**, automating the CI/CD pipeline which reduced deployment times from hours to minutes, improved release frequency by enabling daily deployments through GitOps practices.

- Proficient in k8s deployments and worked with **Helm** to package, configure, and deploy applications to k8s.

- Built and leveraged **Docker** containers for production and non-prod applications, optimizing images for micro-services to ensure consistent environments.

- Strategically leveraged **AWS** cloud resources, including VPC, EC2 instances, Load balancer, Auto Scaling and S3 storage, Cloud Watch, SNS, to host and scale micro-services.

- Strong understanding of SRE concepts including **SLAs**, **SLOs**, **SLIs**, **MTTR**, and **MTTD** for effective service monitoring and reliability management and proficient in **Agile** methodologies.

- Implemented a **Jenkins** master-slave architecture to efficiently manage and distribute CI/CD workloads in environments and there by reducing deployment time by 80%.

- Integrated **SonarQube** and **Trivy** into Jenkins pipelines, achieving 95% code coverage and enhancing code quality.

- Developed monitoring solutions with **Data Dog**, **Prometheus** and **Grafana** 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.
- Creates new infra setup using Infrastructure as Code tool **Terraform**, designed and implemented AWS infrastructure automation, and automated synthetic journey alerts creation, reducing provisioning time by 50 and improving system scalability.
- Automated routine tasks with **shell scripts** and used Linux commands for efficient server management.
- Managed incidents effectively using ITSM tools, ensuring adherence to defined MTTR while minimizing business impact.
- Renewed **DigiCert** certificates for various domains, including voxi.co.uk, vbp.vodafone.co.uk, and cdn.vodafone.co.uk, to ensure security and compliance.
- Proficient in **SQL** queries for generating e-commerce performance reports and experienced with Jira and Remedy for incident and change management.

PROJECT 2   :   PayG Plus
Company   :   VOIS (Feb, 2023 - Apr, 2024)
Role   :   Assistant Manager - DevOps engineer

- 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.
- Collaborated with cross-functional teams to enhance version control and workflow efficiency with Git and Azure Repos.
- Designed and optimized AWS **ECS** clusters to deploy, manage, and scale containerized applications.
- Integrated aws secret manager with the ECS to securely manage and automate the handling of secrets across containerized applications, including within Azure pipelines.
- Established CI/CD pipelines with **Azure DevOps**, achieving a 30% reduction in deployment times.
- Experience on Docker like creation of Docker images, docker container, managing docker images in the ECR.
- 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.

PROJECT 3   :   Prism Corp
Client   :   Prism (July, 2020 - Aug, 2022)
Role   :   Cloud Consultant - I

- 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

Vodafone Intelligent Solutions (VOIS)

Pune, India

Assistant Manager - SRE & DevOps Engineer

August, 2022 - Present

IBM

Bengaluru, India

Cloud Consultant - I

July, 2020 - August,2022

EDUCATION

Sree Vidyanikethan Engineering College

Tirupati, India

Electrical, B.Tech, CGPA: 7.07

August, 2014 - May, 2018

Sree Chaitanya Junior College

Kurnool, India

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

June, 2012 - April, 2014

HONORS & REWARDS

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