Aspak K

DevOps Engineer

aspakkale8@gmail.com | +91 7558600733

PROFILE SUMMARY

Having 4.1 years of experience in IT Infrastructure with DevOps and Cloud Management as a DevOps Engineer, and proficient in AWS, GIT, Docker, Azure DevOps, Data Dog, Terraform, Ansible, Kubernetes & Shell scripting.

EDUCATION

Sree Vidyanikethan Engineering Collage B.Tech Electrical, C*GPA: 7.07*	Tirupati, India Sept/2014 - May/2018
Sree Chaitanya Junior collage Higher Intermediate Physics, Chemistry & Maths *GPA: 9.5*	Kurnool, India June/2012 − April/2014

EXPERIENCE - 1

Vodafone Intelligent Solutions (_VOIS) | Assistant Manager   Pune, India | Aug 2022 − Present

Projects: Vodafone.co.uk & Voxi.co.uk

- Designed, built, and deployed multiple applications utilizing most of **AWS** including EC2, S3, VPC, IAM, SNS, ECS, ECR, ELB Cloud Watch, and Auto Scaling.
- Having hands-on experience in **Linux** commands & Worked on **GIT**, **GITHUB**, and **JIRA.**
- Worked on containerization platform **Docker**, pulling Docker images & creating from Docker files and running containers from images.
- Deployed, managed, and optimized **AWS ECS** clusters to ensure high availability and scalability of microservices architecture.
- Utilized **DataDog** as a monitoring tool to create Metrics, Multiple Health dashboards (like Req vs Fail, Payment's transactions & APM level micro service health and anomaly etc..) and alerts for AWS ECS deployed clusters, enabling proactive monitoring for abnormalities and by that helped in the reducing the Downtime of the application.
- Collaborated with SRE team for high availability of infra and provided training & support on using this tool with ECS effectively.
- Designed and implemented automated alerting mechanisms in DataDog to trigger notifications through **PagerDuty** when abnormal behavior was detected within ECS cluster and also took initiatives to integrate ECS with other AWS services such as CloudWatch, and IAM for enhanced security, monitoring.
- Built **Kubernetes** cluster & setup and managed Docker containers into Pods, and managed Deployments, RS, Auto healing, Auto scaling, RBAC, services etc.
- Managed **Azure DevOps** pipelines to automate builds, tests, and deployments for AWS cloud infra & utilized Azure Repos for version control and collaborative code development and Implemented Azure Boards for project management, tracking tasks, and sprint planning.
- Used **Terraform** for automating infrastructure provisioning & synthetic alert journey creation for pro-active monitoring.
- Renewed the SHA2 Certificates of the various domains like voxi.co.uk, vbp.vodafone.co.uk, cdn.vodafone.co.uk and more.
- Having hands-on experience in **SQL queries** to fetch the various reports regarding the performance of the e-commerce data & Wrote **Shell Scripts** for the health reports.
- Worked on **Remedy** as a ticketing tool, for incident problem, and change management & Worked on **Splunk** as monitoring tool as well for the complex error detection.

SKILLS

SCM tool	:	GIT
Cloud Platform	:	Amazon Web Services
CI/CD tools	:	Azure DevOps, Jenkins
Containerization tool	:	Docker
Infrastructure as a code tool	:	Terraform
Configuration management tool	:	Ansible
Container Orchestration tool	:	Kubernetes
Monitoring tools	:	DataDog, Splunk, CW
Scripting	:	Shell Scripting

Alchemy | Build & Release Engineer   Bengaluru, India | July 2020 – Aug 2022

Project: Prism IT corp, US

- Experience in managing AWS public Cloud infrastructure & worked upon IAM, S3 services.

- Having good experience on Linux file system and commands for management of servers.

- Configured various AWS instances by setting up security groups, Elastic Load Balancers, AMIs, and Auto Scaling to create a cost-effective and for highly available infrastructure.

- Collaboration with development teams for code build (CI/CD) and Deployment using **Jenkins.**

- Experience in writing Docker files and ensuring successful deployment of containers.

- Optimizing and building pipelines using **MAVEN** build tool.

- Contributed to DevOps proof of concepts by integrating source control, build, CI, and CD tools to launch new DevOps services in the organization.

- Worked on playbooks and Ansible playbooks to automate configuration and having experience in writing YAML.

- Worked on complete pipeline workflow starting from pulling source code from git repository till deploying end-product into Tomcat server.