Aiyub Ali Khan L

Aws Platform Engineer (developer)

Experienced Kubernetes DevOps Engineer with 6 years of expertise in designing and implementing scalable solutions for microservices architecture. Skilled in CI/CD pipeline, autoscaling, security policies, service mesh, backup and disaster recovery, monitoring and logging, storage, networking, and infrastructure as code solutions.

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medium.com/@https://hub.docker.com/u/aiyub

SKILLS

- Cloud computing platforms (AWS)
- Kubernetes cluster management (EKS)
- Infrastructure as code (IaC)
- Terraform Cloud developer
- Containerization (Docker)
- CI/Jenkins CD/ArgoCD
- Scripting languages (Python, Bash)
- Configuration management (Ansible)

LANGUAGES

English
Professional Working Proficiency

Tamil
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

WORK EXPERIENCE

Aws Platform Engineer (developer)
Tata Consultancy Services IT corporation
07/2022 - Present   *Chennai*

AWS Cloud Infrastruture Engineer
Hippo Video - Lyceum Development Center
12/2019 - 07/2022   *Chennai*

System Engineer
Leto Systems Private Limited
05/2018 - 12/2019   *Chennai*

MIGRATION OF AVISDIRECT AND ADMINPORTAL PROJECTS

The Migration From IBM Cloud to AWS. [CMS and RateShop and DCWEB projects]
- To setup and manage an AWS load balancer,
- Creating an Auto Scaling group and launching configurations,
- Establish a variety of target groups for Elastic Load Balancing,
- Listeners used by Application Load Balancers are:Rule condition types : host-header http-header http-request-method path-pattern query-string source-ip
- Build infrastructure | Terraform | EC2
- Creating security groups | Control traffic to your AWS resources using security groups

KUBERNETES PLATFORM ENGINEER :

6+ years of experience in implementing/supporting DevOps solutions on the AWS platform : Application containerization with Docker & Kubernetes (EKS) Ability to troubleshoot issues on Linux

(Jenkins, Artifactory, GitHub, SonarQube, Grafana , Metabase, ReportPortal, ClamAV, AWS Bastion Hosts, Amazon RDS Proxy, Create Cloud Own VPN, VirtualBox, Git, Bitbucket, JIRA) Deploy applications on AWS platform leveraging AWS platform services like: EC2, EBS,S3, CodePipeline, CodeBuild, CodeArtifact, etc

Onboarding applications on AWS DevOps platform as per required workflow for CI/CD Hands-on experience with VPC, Subnets, and Private & Public Cloud Linux /any scripting language (Boto3 / Bash / Python scripting)

SERVICE DELIVERY PLATFORM (SDP)

Developed and maintained a Kubernetes-based autoscaling solution, resulting in a 25% reduction in infrastructure costs and a 15% increase in application performance during peak traffic periods.

Managed the development and deployment of a Kubernetes-based service mesh solution ISTIO, resulting in a 40% reduction in network latency and a 20% increase in application performance.

EDUCATION

Master of Computer Application
B.S.Abdur Rahman Crescent Institute of Science & Technology
03/2015 - 10/2017   *Chennai*