

Ajith Venugopal

Experienced DevOps Infrastructure Engineer in AWS and Azure, with expertise in Terraform and CDK for scalable and efficient infrastructure management. Adept at designing and implementing microservices architecture, enhancing CI/CD pipelines, and leveraging containerization technologies like Kubernetes and Docker. An innovative problem-solver with a passion for cloud and implementing best practices for sustainable development and deployment.

ajithkumarapt@gmail.com
+31-0627968328
linkedin.com/in/0-ajithkumar
ajithreddy.com

Relevant Experience

DevOps Infrastructure Engineer at Booking.com, Amsterdam

July 2022 – Present

- Provisioning and managing 100's of AWS accounts and common services via terraform and creating applications and resources with CDK stacks.
- Creating CI/CD pipelines in Gitlab to deploy the application in dev/dqs/prod with code vulnerability testing
- Designing new microservices and reviewing existing services design and making them more cloud native. Helping developers with infrastructure in POC
- Implementing SLO,SLI, Alerting and monitoring in Newrelic through terraform
- Migrated successfully MSSQL and SQL servers from on prem to AWS via pipelines without application downtime
- Creating cloud adoption trainings and helping developers with security compliances and assisting them to make better choices

DevOps Infrastructure Engineer at Anewspring, Rotterdam

September 2021 – Present

- Creating CDK stacks in python for AWS resources and Terraform modules for Azure Environment
- Containerised monolithic applications from VM to cloud container orchestrator and split the database to RDS (starting from writing Docker file)
- Guiding/ mentoring developers on containers and kubernetes
- Building CI/CD pipelines for services to deploy docker images in dev/dqs/production via Argocd to EKS & AKS with test and infra code scanning

DevOps Engineer at Bluejeans networks, Bengaluru

April 2019 – Present

- Provisioning multi cloud infrastructures and management the config for more than 150 kubernetes clusters across AWS, Azure and Datacenter
- AWS/ Azure infrastructure management through Terraform (Iaac)
- Migrating VM's and Databases from data centers to cloud. Lead the Mongo and MYSQL migration to Cloud for 3 microservices
- Orchestration - Kubernetes (managed clusters), AKS, EKS
- Building lab environments for microservices through IAC
- Monitoring/logging through Datadog, Newrelic and monitoring agent management in data centers.
- Creating AWS, azure dashboards through IAC and writing custom checks for inhouse application monitoring
- Part of monthly mentoring session for teammates

Skills

Cloud

Amazon Web Services
Microsoft Azure

Programming languages

Python
Go (focused on CI/CD)
Terraform
typescript (aws CDK)

DevOps CI/CD

Gitlab & Github
Jenkins
Docker
Kubernetes
Helm & Argocd
Microservices architecture

Monitoring & Logging

Newrelic
Datadog
Grafana
Sumologic
ELK stack

Certification

- Certified Kubernetes Security Specialist
- Certified Kubernetes Administrator
- AWS Solution Architect
- Azure Devops

Interests

Biking,Running,Skydiving,
Scuba Diving