

Deepak Sisupalan

deepaksisupalan@gmail.com | +44 7404 284411 | London

SKILLS

LANGUAGES

Java  10+ yr
Python  1+ yr

PATTERNS, FRAMEWORKS & TOOLS

Proficient:

- Spring Core
- Spring Boot
- Restful Web Service
- Microservices
- Terraform
- GitHub Actions

Competent:

- MongoDB
- ELK
- Kafka
- Apigee Edge & Microgateway
- Concourse CI
- Git & GitHub
- Azure App Services

Advanced Beginner:

- Event Driven Architecture
- Splunk
- Kubernetes
- Azure Networking
- Azure Storage Account
- Azure Active Directory

LINKS

LinkedIn:// deepak



PROJECTS

TATA CONSULTANCY SERVICES | SENIOR DEVOPS ENGINEER

Oct 2018 - Current

PLATFORM ENGINEERING

- Brightcloud: An E2E Cloud Infrastructure Deployment Orchestrator
 - Provides GitOps based, low-friction, ops-supported platform and processes for Devs
 - Used a 5 layered deployment of Azure Infrastructure and external tools as plugins
 - GitHub Actions as the Orchestrator
 - Terraform for IaC
 - Productionized for Azure cloud
 - MVP created for Multicloud (GCP) deployment
 - Green field onboarding time reduced to 1 hour from 2 Months
- Apigee Edge : API Management and Microgateway provisioning
 - Designed the API management architecture using Apigee for the organization
 - Designed & implemented configuration management using terraform (GitOps Driven)
 - Designed & Implemented Apigee Microgateway in k8s for east-west traffic
- Ecosystem Builder: Organizations Access Management
 - A vending machine styled access management for apps and people onboarding
 - Streamlined JML processes
 - GitOps driven
- Muziris: A Developer Portal for the Organization
 - Serves as the UI for Brightcloud & Ecosystem Builder for UI based self-service
 - Forked from Spotify's Backstage
 - Single plane for cataloging and discovery
 - Implemented API discovery and onboarding with single touch

BACKEND ENGINEERING

- Data as a Service
 - Designed & Developed nearly 50 Restful Microservice deployed in k8s with high availability
 - Architected Mongo Atlas for high availability
 - Event Driven architecture using Kafka & MQ
 - Owned and maintained Apache Kafka
 - Owned and maintained ELK cluster
- Extended database functionality with traceability features
- Owned and maintained PostgreSQL on-prem and cloud deployments

EDUCATION

MAHATMA GANDHI UNIVERSITY | BTECH. ELECTRONIC AND

COMMUNICATIONS ENGINEERING

July 2009

- Mini Project at ISRO, Trivandrum
- Memberships: IEEE