

Deepak Sisupalan

DevOps Architect | deepaksisupal@gmail.com | +44 7404 284411 | London

SKILLS

LANGUAGES

Java	<div><div></div></div>	11+ yr
Python	<div><div></div></div>	1+ yr
Cloud	<div><div></div></div>	4+ yr

PATTERNS, FRAMEWORKS & TOOLS

Proficient:

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

Competent:

- ELK
- Kafka
- Helm 3
- MongoDB
- Concourse CI
- Git & GitHub
- Azure App Services
- Apigee Edge & Microgateway

Advanced Beginner:

- Splunk
- Shell Scripting
- Azure Networking
- Domain Driven Design
- Azure Storage Account
- Azure Active Directory
- Event Driven Architecture

EDUCATION

BTECH IN ELECTRONICS

MAHATMA GANDHI UNIVERSITY
July 2009 | Kerala, India

LINKS

LinkedIn:// deepak



PROJECTS

TATA CONSULTANCY SERVICES | DEVOPS ARCHITECT

Oct 2018 - Current

PLATFORM ENGINEERING

- Brightcloud: An E2E Cloud Infrastructure Deployment Orchestrator
 - Provisions a cloud platform with end to end automation
 - High availability, ∞ environments & observability out of box
 - Used a layered deployment of Azure Infrastructure
 - Plugin architecture for external resources
 - GitHub Actions as the Orchestrator & Terraform for IaC
 - MVP developed for Multicloud (Azure + GCP) deployment
 - Greenfield onboarding time reduced to an hour from 1 Month
- Apigee Edge: API Management and Microgateway provisioning
 - Designed the API management architecture
 - Implemented Apigee configuration management using terraform
 - Implemented Apigee Microgateway in k8s for east-west traffic
- Ecosystem Builder: Organization's Access Management
 - Vending machine for apps and people onboarding
 - Streamlined organizational JML process & improved DevXP
 - Greenfield onboarding time reduced to 10 minutes from 2 Weeks
- 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 a single touch

BACKEND ENGINEERING

- Data as a Service
 - Designed & Developed nearly 50 Restful Microservices deployed in k8s with high availability & reliability
 - Architected Mongo Atlas for high availability
 - Event-Driven architecture using Kafka & MQ
 - Owned and maintained Apache Kafka (deployed on Azure IaaS)
 - Owned and maintained ELK cluster (deployed on AKS)

COGNIZANT | SR. JAVA ENGINEER

Dec 2013 - Oct 2018

JAVA APPLICATION DEVELOPMENT

- Lumpsum: A Restful Monolith for Annuity Money Out
 - Upgraded the monolith to Java 8. Made performance optimizations, added circuit breakers for resilience & did general maintenance.

INFOSYS | JAVA ENGINEER

Jan 2010 - Nov 2013

WCS DEVELOPMENT

- Sears Web: Improve Sears Consumer's Online shopping Experience
 - Helped to create a promotion engine. Enhanced Shopping cart, site headers & did general maintenance.