



Gururaj S (Senior Cybersecurity Architect - Specializing in Cloud Security, DevSecOps and Microservices)

I. Professional Summary

- a) **Offshore Professional Summary**
- Over 15+ years of total experience specializing in Cloud Security, Kubernetes Security, Cloud automation, DevSecOps and Multi-cloud management.
 - Good experience in Multiple Cloud platforms – AWS, Azure and Openstack
 - Experience in Cloud architecture design and cloud security.
 - Experience in Kubernetes security – Service Mesh implementation (Istio), Container security standards enforcement, network policies, real-time threat intelligence.
 - Experience in WAF implementation on Azure and AWS.
 - Experience in DevSecOps – enforcement of security standards and CIS benchmarks in DevOps process and CI/CD pipelines.
- b) **Onsite Professional Summary**
- 4 years of onsite experience (UK) with experience in deployment, migration to private cloud and support cloud based applications provided by BT.
- 3 Months of Onsite experience (Denmark) in implementing a PoC on Kubernetes in private cloud setup.

II. Employment Summary [Total Experience: 15 Years]

- a) **Fourkites Inc (June 2021 – Current) - Senior Cybersecurity Architect reporting to Chief Information Security Officer (CISO)**
- b) **Genesys Telecommunication Lab (Jul 2017 to Jun 2021) – Senior Cloud Architect reporting to Vice President, Cloud.**
- c) **Tech Mahindra (Jul 2008 – Jul 2017 - Technical Architect- Cloud)**
- d) **TCS (Jul 2005 – Jul 2008 – Assistant Systems Engineer)**

III. Certifications

Certified Kubernetes Application Developer (CKAD) – ID: [LF-740upyrpi8](#)
IBM Certified Solution Advisor - Cloud Computing Architecture V3
Contact Centre (Genesys) Agent Desktop – Certified Developer
Contact Centre IVR – Certified Implementation Engineer

IV. Skills

SOURCE	SKILLS	SKILL LEVEL (1 TO 4, 4 IS MAX)
CLOUD TECHNOLOGIES	<u>PUBLIC CLOUD PLATFORMS:</u> AZURE, AMAZON CLOUD, GOOGLE CLOUD, DIGITAL OCEAN <u>PRIVATE CLOUD:</u> OPENSTACK ONPREMISE TO CLOUD MIGRATION	3
CONTAINER TECHNOLOGIES	<u>CONTAINER PLATFORMS:</u> DOCKER, KUBERNETES, APACHE MESOS (DC/OS), DOCKER SWARM <u>CONTAINER NETWORKING:</u> ISTIO SERVICE MESH, CONSUL (HASHI CORP), DOCKER OVERLAY (SWARM) <u>CONTAINER MONITORING:</u> CAdvisor, ELASTIC SEARCH, KIBANA, NEWRELIC, KIALI, DYNATRACE, <u>CONTAINER ORCHESTRATION</u> KUBERNETES, MARATHON (MESOS), AND DOCKER SWARM	3
CLOUD SECURITY & DEVSECS	ISTIO SERVICE MESH, VULNERABILITY MANAGEMENT, CONTAINER SECURITY & SCANNING, FALCO, WAF (AZURE WAF, KONA), XRAY	3
DEVOPS	GIT, ANSIBLE, JENKINS, CHEF, TERRAFORM	3
DEVELOPMENT LANGUAGES	JAVA, JSP, UNIX SHELL SCRIPTING, YAML, ASP.NET	2
OPERATING SYSTEMS	RED HAT ENTERPRISE LINUX 7.2, CENTOS 6, UBUNTU, WINDOWS SERVER 2012, WINDOWS SERVER 2016	4



V. Project Details

Currently working on project detailed below:

Project Domain	Logistics / Supply Chain Management
Project Name:	Multi-Cloud platform for microservices
Organization	Fourkites Inc
Role	Senior Cybersecurity Architect, Reporting to Chief Information Security Officer (CISO)
Location	India
Duration	Jun 2021 to current
Team Size	Project : 100
Functional Skills	Security Architecture Design, DevSecOps, Security Standards enforcement
Key Technologies / Tools	Kubernetes, Istio service mesh, Docker, Jenkins, Newrelic, Falco threat intelligence, WAF and security tool stack.

a) Project Description

The project is aimed at setting up the Fourkites Application stack on Microsoft Azure (from the scratch) alongside the existing AWS environments. The goal is to build the docker images once and run on both the cloud platforms. The Azure environment is based on Kubernetes created for each environment / region using Terraform. The applications are deployed on the k8s clusters using helm charts.

Contributions:

- Responsible for Cloud Security both for the project and Organization
- Analyze the Cloud Architecture and find gaps in terms of Cloud Security and highlight them.
- Came up with best industry standards for the green-field deployment and took ownership of following items:
 - Implementation of Istio based service mesh with mTLS and integrated with NewRelic for monitoring real-time traffic.
 - Implementation of Azure App GW and WAF for advanced security
 - Implementation of Falco for Kubernetes security – real time threat intelligence
 - Integration of applications with SSO for authentication and authorization
 - Implemented Docker CIS benchmarks and enforced standards across 300 microservices.
 - Implemented Docker vulnerability scanning integration with CI/CD pipelines.
 - Implemented best practices for helm chart development with respect to security.
 - Implemented robust secrets management system using Azure key Vault and trained application developers to utilize it.
 - Integrated the environment with security scan to monitor with regular security scanning.
 - Worked closely with Cyber security audit firms and ensured the platform is compliant and certified with ISO27001 and SOC2

Past important projects:

Project Domain	Telecom
Project Name:	Microservices implementation with Docker & Kubernetes
Organization	Genesys Telecommunication Lab
Role	Software Architect (Reporting to V.P, Cloud Architecture)
Location	India
Duration	Jul 2017 to Jun 2021
Team Size	Project : 15
Functional Skills	Architecture design and implementation guidance
Key Technologies / Tools	Docker, GIT, Ansible, Jenkins, Kubernetes, Weavescope, Dynatrace, Heapster, cAdvisor
Contributions	<ul style="list-style-type: none">o Cloud Architecture (Infra and Application)o Deployment – Docker images, Helm Charts, Terraformo Blue-green deployment processo Scalability requirements



	<ul style="list-style-type: none">o HA and DR Architectureo Operational requirements (Monitoring, Self-healing)
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Project Domain	Government
Project Name:	Apache Mesos Implementation
Client	A leading IT corporation in Denmark
Role	Technical Architect (Reporting to A.V.P, Cloud Practice)
Organization	Tech Mahindra
Location	India
Duration	Jan 2014 to Jun 2017
Team Size	Project : 10
Functional Skills	Implementation and Support
Key Technologies / Tools	Docker, GIT, Ansible, Jenkins, Apache Mesos, Marathon, Zookeeper, Chronos, Dynatrace

Project Domain	Telecom
Project Name:	BT Contact Centre Implementation
Client	BT
Role	Technical Lead (onsite)
Organization	Tech Mahindra
Location	Onsite: Watford, UK
Duration	Onsite: 2009 – 2013 Offshore: 2013 – 2014
Team Size	Project : 30
Functional Skills	Onpremise to cloud migration, private cloud environment setup, Deployment of multi-tenant contact centre environments, coding customizations for customers.
Key Technologies / Tools	Openstack, Cloud migration tools, Genesys contact centre platform, Chef automation, TCP/IP socket programming

VI. Education and Personal Details

FULL NAME	EDUCATION & SPECIALIZATION	UNIVERSITY	PASSPORT NO	EMAIL ID	PHONE NUMBER
GURURAJ SUBBARAYAN	Bachelor of Engineering in Electrical & Electronics	Anna University (2005 batch)	N5787760 (India, valid upto: 06 JAN 2026)	gururajs_15@outlook.com	+91-9600094689