

# Sithmal Kariyawasam

## Associate Technical Specialist - Site Reliability Engineering

Sri Lanka | +94 77 222 5969 | [sithmal@gmail.com](mailto:sithmal@gmail.com)

[www.sithmal.info](http://www.sithmal.info) [in linkedin.com/in/sithmal-k-61281147](https://www.linkedin.com/in/sithmal-k-61281147)



### Summary

- An experienced team player with excellent communication and interpersonal skills who has the ability to work independently under pressure, motivate and influence others and can train and mentor subordinates.
- Since June 2008, I have gained **more than 10 years** of extensive **hands-on experience in designing, developing, and deploying n-tier based applications.**
- Currently working as an **Associate Technical Specialist - Site Reliability Engineering** who is an engineering and maintaining internal project call **Mozart** which is an SDLC framework for applications on the public cloud.
- **I graduated in 2010 from the Informatics Institute of Technology affiliated to the University of Westminster in BSc. (Hons) Software Engineering.**

### Work experience

Associate Technical Specialist - SRE

2020 July - Present

[Wiley Global Technology \(Private\) Limited](#)

Core-team member of the development team for the centralized Kubernetes platform called **Mozart**. The **Rancher** is the main technology used apart from common tools.

Senior Cloud Operations Engineer

2017 November - 2020 June

[Pearson](#)

Worked with international team members based in the USA and UK to deliver the SDLC framework and Microservice hosting platform called **Bitesize**.

- **Technology stack which uses in the Bitesize**
- Kubernetes - Container Automation and Orchestration
- Container Runtime - Docker
- AWS - As the IAAS
- Terraform - For Infrastructure as Code
- Stackstorm - For event Driven Automation
- Ansible - Configuration Management
- Vault - To store sensitive data such as keys/secrets
- Prometheus - Container Monitoring & Grafana for Application Log Dashboards
- Jenkins - as the customer's CI/CD
- Gitlab - as the Platform CI/CD

### Skills

#### Cloud Computing



I have extensively worked with MS Azure for 3 years and have a good overall working knowledge in Amazon Web Services in the current employment.

#### Communication



Fluent in English and Sinhalese.

#### Team Collaboration



#### Context Switching



I have worked for 2 - 3 years as a full stack developer during the early stages of my career.

Senior DevOps Engineer  
nCinga Innovations(Pvt) Ltd

2015 January -  
2017 November

At the forefront of driving industry 4.0 by unlocking the power of data nCinga help to build smart factories with our industrial IoT platform which enables manufacturers with smart automation real-time operational insights and predictive analytics.

- **Cloud - DC/OS (Apache Mesos) on MS Azure**
- **CI -**
  - NPM, Bower, Grunt, Unix Shell
  - Gulp, Groovy script for Jenkins 2 Blue Ocean Pipeline, Jenkins 1.6
- **SCM - GIT**
- **Deployment -**
  - Jenkins Pipelines to MS Azure VMs
  - Nginx Load Balancers and Front-end Proxies
- **Technologies and tools :**
  - Java/ JavaScript/ Hybrid Mobile Apps
  - Elasticsearch 1.5, Mongo 3.2, Redis, Playframework v2.3 / Ionic Framework v1.7

DevOps Engineer, Project Lead  
Mobios (PVT) LTD.

2014 March -  
2015 January

Telecom value-added services development, implementation, and delivery. Mobios specialized in providing turnkey mobile software solutions and outsourced services to enterprises in any type of business; Banking, Telecom, IT services, production, or service industry.

- **CI -**
  - Unix Shell
  - Gulp, Groovy script for Jenkins 2 Blue Ocean Pipeline, Jenkins 1.6
- **SCM - GIT**
- **Deployment -**
  - Jenkins Pipelines
  - Nginx Load Balancers and Frontend Proxies
- **Tools & Technologies :**
  - JSP / Servlet, Tomcat
  - Oracle 9g, MySQL 5

System Engineer, Software Engineer  
London School of Marketing Lanka

2010 June - 2014 March

London School of Marketing is a leading education provider for the marketing field in the UK. Sri Lanka Subsidiary is responsible for delivering online courses. The internal software development team's job is to develop the software to cater to internal software needs and release it to the international market.

- **CI -**
  - Python, Ant, Grunt, Shell Script (for iOS builds)
  - Ivy, Maven, Artifactor
  - Cruise Control Server
- **SCM - GIT, SVN**
- **Deployment -**
  - Cruise Control Pipelines with Python scripts for assembling Android and IOS packages.
- **Development Technologies and tools :**
  - Dojo, jQuery Mobile, PhoneGap, Android SDK, Objective C with XCode, NodeJS, MongoDB.

Trainee Software Engineer  
EPIC Lanka Technologies

2008 June - 2009 July

EPIC Lanka is a technology leader in providing e-security and e-payment solutions to corporate organizations in Sri Lanka and the region.

## Certifications



CKA



CKAD



AWS SysOps Administrator Associate



AWS Solution Architect Associate

## Education

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B.S.c(Hons) Software Engineering (2nd Class Upper Division) 2006 - 2010

[University of Westminster UK](#)

This programme enables to understand and apply the software systems of engineering principles, design skills, good management practices, computer sciences and mathematical formalism in practice. It consists of one year full time industrial placement, which is considered as the cutting edge of this degree programme.

## Interests

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- Play the guitar and singing in leisure time.
- Being involved with charities - Helping poor people.
- Playing badminton.