



## PROFILE

AWS certified DevOps Engineer based in Sri Lanka with 2+ years of hands-on experience in architecting, automating and optimizing mission critical deployments over large infrastructure. Proficient with configuration management tools, scripting and developing CI/CD Pipelines.

## CONTACT

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GITHUB  
<https://github.com/tharathara>

WEBSITE:  
[www.sync95.net](http://www.sync95.net)

BLOG  
[blog.sync95.net](http://blog.sync95.net)

PORTFOLIO  
[tharaka.sync95.net](http://tharaka.sync95.net)

## EDUCATION

### University: -

Sri Lanka Institute of Information Technology (SLIIT) – Sri Lanka

- Degree: - B.SC. SPECIAL (HONS)  
Specialization – Information Technology  
Graduation Date 2020 Jan.

# THARAKA DILSHAN DEVOPS ENGINEER

## WORK EXPERIENCE

### ResourceIT- Sri Lanka – DevOps Engineer (JANUARY 2022 – PRESENT)

- Maintaining Internal Polygon Matic nodes (Bor, Heimdal process updating, Patching, Issue Fixing).
- Managing highly available and highly scalable NFT Live ticketing platform. (API, DB Cluster, Frontend-NginX, Kafka, Zookeeper).
- SeleniumGrid & Browserstack pipeline Implementation using ECS, CircleCI & S3
- Dashboard creating for System & Log monitoring - Grafana, Newrelic, Cloudwatch, Prometheus
- Automating dev Workflows using Jenkins & CircleCI.
- Setup & Maintain SonarQube to maintain code quality and running Qualys PCI Compliance tests monthly.
- Using AWS WAF to protect the system from DDoS attacks.
- Implement Zero Downtime deployments using AB deployments.
- Implement a solution to store sensitive data using AWS Secrets manager.
- Implement IaC using Terraform

### ResourceIT - Sri Lanka – Associate DevOps Engineer (OCT 2020 – January 2022)

- Support QA automation teams to Build their test Infrastructure using AWS ECS and implement CI/CD Pipeline using CircleCI.
- Created Monitoring solution to reduce AWS costs and integrated with Slack to send cost related notifications.
- Created solution to Stop dev environments in non-working hours to reduce AWS costs
- Use AWS Based technologies (AWS ECS, EC2, Lambda, Secrets Manager, CloudWatch, ECR, ECS, VPC, S3, EFS)
- Involved in Terraform Migration project
- Created Lambda Base log monitoring tool to send detailed emails with Error logs using CloudWatch Triggers

### PEARSON LANKA – Intern Application/Devops Engineer (OCT 2019 – OCT 2020)

- Creating CI/CD pipelines and manage releases using Jenkins and Gitlab
- Use AWS Based technologies to deploy and build applications (CloudFormation, CodeDeploy)
- Creating automation scripts to handle releases and automate day to day repeatable works [Python/Shell/Windows-PowerShell]
- Engaged with production issues and incidents that are related to major applications in Pearson.
- Engaged both Datacenter and AWS based servers to troubleshoot (Windows and Linux)
- Creating automation (Manage releases) and cost saving scripts using shell and python.
- Setting up Sonarqube, Appspider, CheckMarks for application builds.

**School: -**

Dharmaraja College Kandy

- G.C.E Advanced Level  
(Index No 6140459)  
MATHEMATICS - S, PHYSICS - S,  
CHEMISTRY - S
- G.C.E. Ordinary Level  
(Index No 13549685)  
A7 B2

## TECHNOLOGIES & TOOLS

- AWS
- Ansible, Packer
- Terraform, CloudFormation
- Grafana, CloudWatch
- Bash, Python Scripting
- Docker, ECS
- AWS Services
- Jira, Confluence
- GitHub, Bitbucket
- Jenkins, CircleCI
- Blockchain / NFT
- Polygon
- Kafka
- BOTO3, AWS CDK
- Powershell

## REFERENCES

MR. Buddhima Udagamasooriya  
(Lead DevOps Engineer – Pearson Lanka)

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MR. Prashan Chandika  
(Consultant DevOps Engineer)  
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## MITRA INNOVATION MORATUWA – QUALITY ASSURANCE INTERN

(SEPTEMBER 2018 – MARCH 2019)

- Performing manual testing of products to ensure high standards of quality. (Web & Mobile Applications)
- Worked as an allocated QA member in the team Leapin!
- Faced the internal audit as a representative of Leapin! Team.
- Responsible for creating test cases and test designs. (Test link/Zapier / Excel / freeplane)
- Ensuring all the test cases are carried out on time and in full.
- Ensuring activities in the quality plan are carried out.
- Working with Jira project management software.
- Participating in daily stand – up / sprint planning / retro meetings.
- Use Testlink and Zapier plugin to create and execute test cases.

## SKILLS & INTERESTS

- AWS Services: -  
EC2 , VPC , S3 , Secrets Manager , Lambda , ERS , ECR , Route53 , Cloudwatch , Athena , EFS , SNS , WAF & Shield , RDS , EFS , CodeDeploy , Global Accelerator
- CI/CD Tools  
Jenkins, CircleCI, Buildkite , Github Actions , Gitlab
- Scripting & Automation  
Terraform, Ansible, Packer, CloudFormation , Bash , Python , Boto3 , AWS CLI
- Monitoring Tools  
Cloudwatch, Grafana, Prometheus, NewRelic
- Languages  
Python, Bash, PowerShell , PHP , JAVA
- Version Controlling  
GitHub , Bitbucket , Gitlab

## CERTIFICATES

- AWS Certified Solutions Architect – Associate
- Microsoft Certified: Azure Fundamentals
- Microsoft 365 Certified: Fundamentals
- CISCO - Introduction to Cybersecurity

## PUBLICATIONS

"Smartphone based Approach to Enhance Mindfulness in Undergraduates with Stress", IEEE 14th Conference on Industrial and Information Systems (ICIIS), 2019 Paper ID: 1570586567  
<https://ieeexplore.ieee.org/author/37088367426>

## PROJECTS INVOLVED

Thirdbridge Solutions – UK  
Yellowheart NFT – USA  
Person Learning Systems  
Leapin! – Australia