

UTHAYAKUMARAN UTHAYARAGAVAN

PROFESSIONAL SUMMARY

Well experienced DevOps Engineer with multi hands-on experience Well-Versed in technologies and writing code to create systems that are reliable and user friendly. Skilled team member who has the proven ability to corporate with team of professionals to track changes.

EDUCATION

Bachelor of Science, Information Technology Specialization, DATA SCIENCE, 02/2019

Sri Lanka Institute of Information Technology - Malabe, Sri Lanka

A-Levels, PHYSICAL STREAM, 01/2016

St John's College - Jaffna, Sri Lanka

RESEARCH

The International Conference on Intelligent Systems Design and Applications (ISDA) - 2022

CoCoSL : Agricultural solutions using image processing for coconut farms in Sri Lanka

UNIVERSITY PROJECTS

2022 - ORACLE DATA BASE CDB AND PDB CREATION AND FAST RECOVERY

2022 - MOBILE APP UI NAD PROTOTYPE USING FIGMA

2022 - DESIGNED AND IMPLEMENTED AN IOT SYSTEM USING THE RASPBERRY PI

2022 - IMPLEMENTED A DEPLOYMENT TO CAPTURE METRICS FROM AN APPLICATION AND VISUALIZED THOSE BY USING THE PROMETHEUS & GRAFANA DASHBOARDS.

2021 - REST FUL WEB SERVICES JAVA-JAX-RS ON TOMCAT

2021 - DATA WAREHOUSE ETL PROCESSING FOR DATASETS

2020 - WEB BASED DESKTOP APPLICATION USING JAVA, NETBEANS, MYSQL

2020 - MODEL PREDICTION - LOAN PREDICTION USING MACHINE LEARNING (PYTHON, FLASK)

2019 - ONLINE SALOON WEB PROJECT USING HTML, CSS, PHP, MYSQL

WORK HISTORY

DevOps Engineer, 10/2023 to Current

IFS R&D International (Pvt) Ltd - Colombo, Sri Lanka

CONTACT

Address: Jaffna, Sri Lanka

Phone: +94769798853

Email:

uthayuthayakumar@gmail.com

Date of Birth: 1999/04/24

Nationality: Sri Lankan

LinkedIn: <http://linkedin.com/in/uthay-rakav-ab9a24190>

Portfolio:

<https://bold.pro/my/uthayakumar-an>

SKILLS

- Python
- LINUX/ Windows
- MYSQL/Oracle
- HTML/CSS
- Docker
- Kubernetes
- Kubernetes
- Keycloak / Curity / LDAP
- Rancher/ Platformers
- Jenkins
- Tekton Pipeline
- ArgoCD
- Bitbucket pipeline
- Git / Gitlab
- Jira / Confluence
- Maven / Gradle
- Grafana
- Prometheus
- ELK Stack
- Terraform / Ansible
- Sonar Cloud Scan, Linting
- Nexus / Jfrog
- White Source Mend, Trivy Scan
- AWS: Ec2, EKS, Lambda, Step function, Ec2 image builder, Cloud-watch, Cloud-formation, Code pipeline, Code build, Code commit, Cloud shell, DynamoDB, Certificate manager, S3, IAM, Athena, SNA
- Azure: Azure Kubernetes service,

- Monitored application performance and infrastructure health, implementing automated alerts for potential issues.
- Documented DevOps processes and enforced adherence to SOPs, significantly reducing errors and inefficiencies.
- Integrated the Bitbucket pipeline with White Source Mend Scan, SQL Lint, Helm chart testing, Sonar Cloud Scan & Trivy Scan.
- Leveraged industry-leading tools to develop and implement robust CI/CD pipelines.
- Trained team members on DevOps procedures, company policies and industry best practices to promote continuous quality.
- Upgraded the AKS cluster and implemented the Code change.
- Migrated all Tekton Pipelines to push and pull artifacts from azure blob storage instead of Jfrog repository.
- Implemented the Curity for Authentication & Authorization.

DevOps Engineer, 11/2022 to 10/2023

ZINCAT TECHNOLOGY - OUT SOURCED TO DIALOG AXIATA PLC - Colombo, Sri Lanka

- DOCKER IMAGE MIGRATION: SUCCESSFULLY MIGRATED DOCKER IMAGES FROM ON-PREMISES HARBOR REPOSITORY TO THE CLOUD, ENHANCING SCALABILITY AND DEPLOYMENT EFFICIENCY.
- KIBANA & LOGS MONITORING: IMPLEMENTED ADVANCED LOG MONITORING WITH KIBANA, IMPROVING ISSUE IDENTIFICATION AND SYSTEM RELIABILITY.
- GRAFANA DASHBOARDS: DEVELOPED REAL-TIME MONITORING DASHBOARDS IN GRAFANA FOR INFORMED DECISION-MAKING AND OPTIMIZED RESOURCE UTILIZATION.
- AWS CERTIFICATE MANAGEMENT: MANAGED SECURE SSL/TLS CERTIFICATE RENEWAL IN AWS, ENSURING UNINTERRUPTED SERVICES THROUGH AUTOMATED PROCESSES.
- JENKINS CI PIPELINE: DESIGNED AND EXECUTED CI PIPELINES IN JENKINS, ACCELERATING DEVELOPMENT CYCLES AND ENSURING CODEBASE RELIABILITY.
- PLATFORMER CD INTEGRATION: LED SEAMLESS APPLICATION ONBOARDING ONTO PLATFORMER PLATFORM WITH CD, ENABLING RAPID AND RELIABLE FEATURE RELEASES.
- CLICKHOUSE MIGRATION TO AWS: ORCHESTRATED MIGRATION OF CLICKHOUSE DB FROM ON- PREMISES TO AWS, ENHANCING PERFORMANCE AND AGILITY

DevOps Engineer, 11/2021 to 11/2022

Digital Microservices - Colombo, Sri Lanka

- TWO-FACTOR AUTHENTICATION: IMPLEMENTED LINOTP FOR ROBUST TWO-FACTOR AUTHENTICATION, ENHANCING SECURITY PROTOCOLS.
- KUBERNETES CLUSTER MANAGEMENT: ESTABLISHED AND MAINTAINED KUBERNETES CLUSTERS VIA RANCHER PLATFORM, ENSURING OPTIMAL PERFORMANCE.
- BIG DATA HELM CHARTS: CREATED AND DEPLOYED BIG DATA-RELATED SERVICES (NIFI, HDFS, SUPERSET, TRINO) IN KUBERNETES USING HELM CHARTS.
- KUBERNETES GITOPS: IMPLEMENTED GITOPS WITH ARGOCD AND GITLAB, STREAMLINING KUBERNETES APPLICATION DEPLOYMENTS.

- KUBERNETES MONITORING: SET UP PROMETHEUS AND GRAFANA FOR COMPREHENSIVE KUBERNETES MONITORING, ENSURING RESOURCE EFFICIENCY.
- ELK MONITORING: ENABLED ELK STACK FOR SERVER METRICS AND LOGS, IMPROVING SYSTEM VISIBILITY AND TROUBLESHOOTING.
- STORAGE MANAGEMENT: MANAGED STORAGE USING NFS SERVER AND HPE NIMBLE, ENSURING EFFICIENT AND RELIABLE DATA STORAGE

DevOps Engineer - Intern, 11/2020 to 11/2021

MoodForCode - Colombo, Sri Lanka

- AWS FAMILIARITY: WELL-VERSED IN AWS PLATFORM, LEVERAGING ITS SERVICES TO DRIVE SOLUTION.
- NGINX SERVER MAINTENANCE: SKILLFULLY MANAGED AND MAINTAINED NGINX SERVERS, ENSURING OPTIMAL PERFORMANCE.
- APACHE TO NGINX MIGRATION: SUCCESSFULLY MIGRATED HOSTED SERVICES AND APPLICATIONS FR APACHE TO NGINX, ENHANCING EFFICIENCY.
- OPENID CONNECT IMPLEMENTATION: IMPLEMENTED SECURE OPENID CONNECT AUTHENTICATION FO APACHE-HOSTED APPLICATIONS USING KEYCLOAK.

CERTIFICATIONS

Following the AWS - Solution Architect Associate

Had Done the AWS Solution Architect Diploma in Alison

LANGUAGES

Tamil Native

English

C2

Proficient

ADDITIONAL INFORMATION

Praneeth Wickramaraachchi

Tech Lead - CRM and Billing

Dialog Axiata PLC

Sri Lanka

+94 777332641

Fazrin Faleeldeen

Site Reliability Engineer, Mindteck

Malaysia

+94 77 202 0485