

# Thilina Keshan Ilangasinghe

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## Skills

**Languages:** C/C++, Java, Python, SQL, Ansible

**Technologies & Tools:** AWS, EC2, S3, Kafka

## Work Experience

**LSEG Technology, Malabe**

Mar 2020 - Present

*Senior Technical Lead*

Jan 2023 - Present

*Technical Lead*

Mar 2021 - Dec 2022

- Led the migration of Hive and Presto jobs from Qubole to AWS EMR, enhancing availability and significantly reducing operational costs.

*Associate Technical Lead*

Mar 2020 - Feb 2021

- Led the migration of Hive and Presto jobs from Qubole to AWS EMR, enhancing availability and significantly reducing operational costs.

**MillenniumIT, Malabe**

May 2015 - Mar 2020

*Specialist Software Engineer*

Mar 2018 - Mar 2020

- Led the migration of Hive and Presto jobs from Qubole to AWS EMR, enhancing availability and significantly reducing operational costs.
- Reduced the cost involved in running custom reports service by more than 80% by devising an automated system that identified and disabled reports with no usage or empty data.
- Led a cost-saving initiative by identifying unused AWS resources and establishing S3 bucket expiration policies, leading to an annual cost reduction exceeding \$50,000 in AWS expenditures.
- AWS, EC2, S3, EMR, Hive, Presto, Qubole, Kafka, Druid, Zookeeper, MySQL, Kubernetes, Docker, Bazel

*Senior Software Engineer*

Jan 2023 - Present

*Software Engineer*

May 2015 - Mar 2017

- Led the migration of Hive and Presto jobs from Qubole to AWS EMR, enhancing availability and significantly reducing operational costs.

## Education

**University of Moratuwa**

2010 - 2014

B.Sc. in Electronics and Telecommunication Engineering

**G.C.E Advanced Level**

2009

Combined Mathematics (A), Physics (A), Chemistry (A)

District 1st Place - Anuradhapura District

## Awards and Certificates

- **AWS Certified Solutions Architect - Associate**, January 2022
- **LCH MCCP Implementation** (team award - Developer) - **LSEG Technology CEO Excellence Award**, 2019
- **Cloud Security - ATOM Crypto Exchange** (team award - Developer) - **LSEG Technology VIP (Values in Practice) Award**, 2021