

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 (Previously MillenniumIT), 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