

# AVISHKA KOSWATHTHA

## Entry-Level Data Engineer



+94 71 52 41 066



avishkakkoswaththa@gmail.com



[Portfolio](#)



[Linked In](#)



[Git Hub](#)



[Youtube](#)

### EDUCATION

BScEng (Hons) in Computer Engineering,  
University of Ruhuna. **(2021 – 2025)**

### TECHNICAL SKILLS

Languages: **Python**

Database: **My SQL, PostgreSQL, MongoDB**

ETL Tools: **Airflow**

Big Data Frameworks/streaming: **Spark, Hadoop, Apache Kafka**

Data Warehousing: **Snowflake**

Cloud Technologies: **AWS**

AI/ML

### NON-TECHNICAL SKILLS

- Problem Solving
- Critical Thinking
- Work under pressure
- Team working and dedication

### INTERESTS

- Creative PPT designing

### SERVICES

Contributed to 'Mehewara' seminar series organized by Faculty of Engineering, University of Ruhuna

### REFERENCES

**Dr Keerthi Gunawickrama**

Senior Lecturer,

Department of Electrical and Information Engineering, University of Ruhuna.

+ 94 718241787

keerthi@eie.ruh.ac.lk

### EXPERIENCE

#### Intern Software Engineer

##### eSupport Technologies PVT(LTD)

08/2024 to 01/2025 (6 Month)

- Collaborated with teams to build several web-applications.
- Overall worked on four projects.
- Worked as main developer of a Dice game project in Laravel and successfully completed within the time period.

### PROJECTS

#### • AI-AIDED LOAN DEFAULT PREDICATION MODEL FOR SMALL SCALE FINANCIAL INSTITUTIONS

The ongoing Final year undergraduate group project. This is an AI Aided Loan Default Predication Model for Small Scale Financial Institutions(SSFI).

Worked on the development of ML models.

Technologies | **Machine Learning, Deep Learning**

#### • END TO END ECOMMERCE ETL PIPELINE

Built an end-to-end eCommerce ETL pipeline using Apache Airflow to automate the extraction, transformation, and loading of product, transaction, and user data from CSV files into a PostgreSQL database

Technologies | **Python, PostgreSQL**

#### • REAL-TIME PATIENT MONITOR SYSTEM

A real time patient monitor system built using PostgreSQL, Debezium, Kafka, and Spark enabling a dashboard to display continuous patient status updates.

Technologies | **Python, Kafka, Debezium, Spark**

#### • DATA QUALITY MONITORING

Implemented data validation and quality checks using Great Expectations with Apache Airflow to ensure accuracy, completeness, and consistency across Retail dataset in an ETL workflow.

Technologies | **Python, GX**