AVISHKA KOSWATHTHA

Entry-Level Data Engineer

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in 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. Rajitha Udawalpola
Senior Lecturer,
Department of Electrical and Information Engineering, University of Ruhuna.
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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 withing 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, 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**