

Curriculum Vitae

PERSONAL INFORMATION

Name: Ravidu Pasan Senavirathna

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EDUCATION

Asia Pacific Institute of Technology

Bachelor of Artificial Intelligence

Mar 2025 - Now

First year avg – 73%

Australian College of Business and Computing / Edith Cowan College

International University Foundation in Computing

Jul 2023 – Feb 2024

Average – 79%

Lyceum International School, Gampaha

Primary and Secondary Education

O Levels – 4A's (Mathematics, English, Science, ICT), 4C's, 1W

Sep 2012 – Jun 2023

EXPERIENCE

None

CERTIFICATES

- Harvard CS50 Python Apr 2024 – Dec 2024
- Harvard CS50 SQL Jun 2024 – Oct 2024
- Docker Foundations Professional Certificate Dec 2025
- Practical GitHub Project Management and Collaboration Oct 2025
- Career Essentials for Data Analytics by Microsoft Jan 2026
- Data Engineering Professional Certificate by Snowflake May 2026

PROJECTS

Sinhala Word Recognizer

- End-to-end Sinhala handwriting recognition pipeline with OpenCV-based preprocessing, segmentation, and CNN classification built in TensorFlow/Keras.

Hotel Booking Demand AI

- An end-to-end CRISP-DM pipeline utilizing Supervised and Unsupervised Learning to predict cancellations (Classification), forecast ADR revenue (Regression), and perform customer segmentation (K-Means Clustering).

SKILLS

Languages: Python, C#, C++, Scheme, R

Databases: MySQL, SQLite3, PostgreSQL

APIs/ Protocols: XML, JSON

Tools: Linux, Git, Power-Bi, Docker, Snowflake

Machine Learning: Tensorflow/Keras, Sk-learn, Pandas, Numpy