Shiron Dimath

Artificial Intelligence Undergraduate

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Undergraduate in BSc (Hons) Information Technology, specializing in Artificial Intelligence. Passionate about AI Engineering and Data Science, with strong skills in programming, problem-solving, and data analysis. A motivated team player with leadership and communication abilities, aiming to grow into a Tech Lead role by combining technical expertise with management skills.

EDUCATION

BSc (Hons) in Information Technology

Sri Lanka Institute of Information Technology (SLIIT) | 2026 – 2030 (expected)

Specialization in Artificial Intelligence

ST Joseph's college Col-10

Advanced Level -2024

Mathematics- B

Science For Technology-B

Engineering Technology-C

SELECTED PROJECTS

MediCare

Primary developer / Java, JSP, Servlets, MySQL, Maven

Implemented most of this clinic management application for an object-oriented programming course. Built workflows for booking appointments, managing doctor schedules, maintaining patient records and handling billing. | Source code

Spotify Stream Prediction

Data science / Python, pandas, Matplotlib, scikit-learn

Explored a 2023 Spotify dataset and fitted a linear regression model to estimate stream counts from audio features. The analysis suggested that audio features alone were poor predictors of popularity.

POWERMONITORX

Team prototype / Internet of Things

Worked with the WD24 team to build a smart energy prototype that tracks electricity use and helps users monitor consumption.

EXPERIENCE

Operation Officer

Port City BPO | June 2025 – April 2026

Verified payment documents and worked with internal teams and external stakeholders to resolve discrepancies. Prepared daily transaction reports and maintained confidential financial records.

SKILLS AND LANGUAGES

Data analysis and modelling · Exploratory data analysis, data visualisation, linear regression
Software engineering · Object-oriented programming, Java web development, relational databases
Languages · Sinhala and English