

KULANI GAYATHREE

BSc(hons) IT Undergraduate

0715545479 | kulanigayathree99@gmail.com | Gamunupura, Kothalawala, Kaduwela | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE SUMMARY

Motivated and detail oriented third year IT undergraduate at SLIIT with a strong foundation in programming, databases, and analytics. Skilled in applying problem solving and analytical thinking through academic and independent projects. Quick to learn new tools and technologies, with a proactive mindset and strong interest in working with data, systems, and innovative solutions. Eager to contribute effectively to dynamic teams while continuously developing technical and professional expertise.

EDUCATION

- **BSc (hons) in Information Technology** (2023 – present)
Sri Lanka Institute of Information Technology (SLIIT) – Malabe
Current GPA – 3
- **GCE Advance Level** (2022)
Physical Science : *Combined Maths – C , Chemistry – C , Physics – C*

PROJECTS

Sales dashboard – Excel, Power BI

- Developed an interactive Sales Dashboard to visualize key metrics and track performance trends.
- Aimed to support and facilitate data driven business decisions.

Sentiment Analyzer- Python, Pandas

- Developed a Sentiment Analysis model to classify text as positive or negative using Python, Pandas, Scikit-Learn, and Jupyter Notebook.
- Built dataset, converted text to numerical features, trained Logistic Regression, evaluated accuracy, and implemented custom sentence predictions.

Weather Pipeline – Python, Pandas

- Developed a Python based data pipeline to automatically fetch weather data via an API.
- Engineered a process to store the retrieved data in an SQLite database for analysis.

Soren (JSON Chatbot) – Python, HTML, CSS

- Created a chatbot with a user-friendly web interface that responds to user inputs.
- Implemented a predefined JSON response system to handle the logic.

Zenity (Stress Relief mobile App) – Figma

- Designed a calming mobile app prototype offering meditation, breathing exercises, and soothing sounds for relaxation.

Imperial cashew (group project) – MERN Stack

- Implemented the 'Staff Management' function for the application.

Laundry management System (group project) – Java

- Designed the 'Staff Management' module, which included CRUD operations.

TECHNICAL SKILL

- **Data Analysis & Visualization:** Python, R, Excel, Power BI,
- **Programming & Databases:** SQL, Python, C, C++, Java, R
- **Web Development:** MERN Stack, HTML, CSS, JavaScript
- **Design & Prototyping:** Figma

CERTIFICATION

- Introduction to Data Science – Cisco Network Academy
 - Introduction to Modern AI – Cisco Network Academy
 - Coding for Data – Sololearn
 - Visualize your Data – Sololearn
 - Prompt Engineering – Sololearn
-

REFERENCE

Ms. K. G. M. Lakmali

Senior Lecturer,
Department of Mathematics and Statistics,
Faculty of Humanities and Sciences,
SLIIT.

Phone: 071 7192 341

Email : malika.l@sliit.lk