

# KULANI GAYATHREE

BSc(hons) IT Undergraduate

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

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## 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.

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## 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*

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## 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.
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## 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

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## 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

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## 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