

# PARAKRAMA EKANAYAKE

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I am a fourth-year undergraduate in Data Science, currently pursuing an internship where I'm gaining hands-on experience in data analysis and data preprocessing. I am proficient in Power BI, Python, R, and SQL, and skilled in data mining, predictive modeling, and building algorithms and automated flows to derive actionable insights from large datasets. I have a strong analytical mindset with a passion for problem-solving and optimizing data processes.

## EXPERIENCE

### Autonomation Intern - MAS Innovation, Sri Lanka

Jan 2025-PRESENT

- Developed and maintained data-driven Power BI dashboards to visualize key business metrics.
- Transformed raw operational data into actionable insights by performing data cleaning, shaping, and modeling using Power Query and DAX.
- Developed and deployed enterprise-level Power Apps to digitalize core processes.
- Automated data workflows and alerts using Power Automate to streamline processes

## EDUCATION

### Sri Lanka Institute of Information Technology, Malabe

2022-PRESENT

BSc (Hons) in Information Technology Specializing in Data Science Undergraduate

CGPA – 3.33

### Sri Lanka Institute of Information Technology, Malabe

2022-2024

Higher Diploma in Information Technology

### Trinity College, Kandy

2008-2022

Physical Science stream

## CERTIFICATES

- AI/ML Engineer - Stage1 – SLIIT 2024
- Data Analyst 101-Excel Formulas and Functions – Skill Up 2024
- Analyzing and Visualizing Data with Microsoft Power BI - Great Learning Academy 2024
- Data Science Foundation - Great Learning Academy 2023
- Python For Beginners - University of Moratuwa 2022
- Web Design for Beginners - University of Moratuwa 2022

## EXTRACURRICULAR ACTIVITIES

- Assistant Secretary of Photography Club
- Committee member of the Lemuel House

## PROJECTS

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### Salary Prediction System

2024

- Launched a user-friendly web app for predicting the developer's annual salary from regression method by using stackoverflow-2023 dataset.
- Tools and Technologies - Streamlit, Jupyter Notebook, GitHub

### End-to-End Text Summarization and Analysis System

2024

- Implemented a web app for summarize large corpus of text using t5-large model, and used sentiment analysis, keyword extraction, topic modeling for large text
- Tools and Technologies – Streamlit, t5-large, Jupyter Notebook, NLP, Samsum, GitHub

### K-One - Gym Management System

2024

- Expanded a user-friendly web application for a Gymnasium with OTP generation and report generation for users and administrators
- Tools and Technologies - MERN stack, Postman, GitHub

### To-Do - Task Management App

2024

- The android mobile application “To-Do” allows users to add, update, delete and search tasks, and also store tasks in the database
- Tools and Technologies - Kotlin, Android Studio, SQLite

### Genex - Online Computer Spare Parts Shop

2023

- Developed a web-based application for computer shop using OOP concepts which includes create, read, update, delete
- Tools and Technologies - Eclipse IDE(Java), MySQL workbench, Apache tomcat

### Crystal - Online Dry Cleaning and Laundry Services System

2023

- Created a web-based user-friendly application by using create, read, update, delete operations
- Tools and Technologies - HTML, CSS, PHP, MS SQL

## HARD SKILLS

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Python, MySQL, SQL, MS Excel, MS Power BI, C, C++, R, Java, React, MongoDB, Kotlin, HTML, CSS, PHP , Power Automate, Power Apps

Python: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Spacy

## SOFT SKILLS

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- Analytical and Problem-Solving
- Teamwork
- Communication
- Adaptive to new technologies