



POORNA KAUSHALYA

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1st Lane,
Walgama, Malwana.
Biyagama, Sri Lanka.

EDUCATION

Undergraduate – (2022 – Present)

B.Sc. (Hons) in Information
Technology, specializing in Data
Science

Sri Lanka Institute of Information
Technology (SLIIT)

G.C.E. A/L EXAMINATION - 2021

Maths Stream

Combined Maths | Physics | ICT
Henegama Central National College

G.C.E. O/L EXAMINATION - 2018

A – 3 | B – 3 | C – 3
Subhashie Rajakeeya M.V

SKILLS

Programming Languages

- Python
- C / C++
- R
- Kotlin
- Java
- PHP
- JavaScript
- SQL

Frameworks & Platforms

- React.js
- Flask
- Streamlit
- Node.js
- Express.js
- Spring Boot

Databases

- MySQL
- MongoDB
- Firestore

Data & BI

- Power BI
- SSMS
- Visual Studio

Version Control

- Git
- GitHub

STRENGTHS

- Problem Solving
- Critical Thinking
- Creativity
- Organized
- Communication Skills
- Time Management

CERTIFICATIONS

- Python for Beginners
(University of Moratuwa)
- Power BI for Beginners
(Simplilearn)
- Code Free Data Science
(Coursera)
- Introduction to Data Analytics
(Meta)
- Build a computer vision app
with Azure Cognitive Services.

SUMMARY

I am an undergraduate Data Science student at the Sri Lanka Institute of Information Technology (SLIIT), driven by a strong passion for learning, problem-solving, and innovation. I thrive in environments that involve data engineering, data analysis, and machine learning, and I continually explore ways to transform complex data into actionable insights. Known for my creativity, critical thinking, and organizational skills, I excel in collaborative settings and communicate effectively with teams to achieve project goals. Self-motivated and adaptable, I enjoy tackling challenges and implementing solutions in a productive, innovative, and impactful way.

PROJECTS

Retail Transactional Data Warehouse BI Project

(Feb 2025 - June 2025)

- Created a data warehouse and OLAP cube for retail transactional data.
- Generated reports to provide analytical insights for business decisions.
- Technologies used: SSMS, SSIS, SSAS, Power BI, Excel

Skill Sharing and Learning Management System

(Feb 2025 - June 2025)

- Implemented CRUD operations.
- Overcame various development challenges and resolved them
- Technologies used: Spring-Boot, React.js, MongoDB, Postman

Stock Price Prediction using Time Series Analysis

(Feb 2025 - June 2025)

- Analysis of the dataset to make a data warehouse.
- A cube with OLAP Operations.
- Reports to show the results of the analysis numerically

IBM HR Analytics Employee Attrition & Performance Dashboard

(May 2025)

- Built a dashboard to analyse employee attrition and performance metrics.
- Visualized insights and trends to support HR decision-making.
- Technologies used: SSMS, SSIS, SSAS, Power BI, Excel

Heart Disease Prediction System

(Nov 2024 – Jan 2025)

- Created a Streamlit app for predicting heart disease using machine learning.
- Performed data preprocessing, model training, and evaluation.
- Technologies used: Python, Streamlit, scikit-learn, Pandas

Automobile Loan Default Prediction System

(July 2024 - Nov 2024)

- Built a predictive model to identify potential loan defaults.
- Conducted data preprocessing, feature selection, and model evaluation.
- Technologies used: Python, scikit-learn, Pandas, NumPy, Streamlit

Pet Healthcare and Accessories System

(Feb 2024 - June 2024)

- Built an end-to-end system to manage pet medical records and accessories.
- Implemented dashboards and data management functionalities.
- Technologies used: JavaScript, Node.js, MySQL

Online Bus Reservation System

(Feb 2023)

- Developed a web application for booking bus tickets online.
- Integrated database to manage schedules and reservations.
- Technologies used: PHP, MySQL, HTML, CSS

Online School Information Management System

(Oct 2022)

- Developed a school management system to handle data.
- Implemented full CRUD functionality and reporting features.
- Technologies used: Java, MySQL, JSP/Servlets

ONGOING PROJECT

Smart knee health monitoring using VAG signals and IoT-based wearable systems for KOA detection.