# Tharushi Jayasooriya

**Data Science Undergraduate**

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## PROFILE

I am a motivated Data Science undergraduate with a keen interest in analyzing and interpreting data. I am eager to apply my knowledge in a real-world setting, where I can contribute to data-driven projects and continue to enhance my skills. With a passion for continuous learning, I am committed to staying updated with the latest advancements in data science and technology.

## EXPERIENCE

### Data Curator

**HolonIQ by QS**

📅 07/2024 - Present   📍 21st floor, Mireka Tower, 324 Havelock Rd, Colombo 05

Working on a project related to AACSB, an accreditation organization for business schools.

- Responsible for data collection, cleaning, integration, and visualization while collaborating with a team to ensure accurate and meaningful data insights
- Participated in meetings with international personnel for the project

### Intern

**Bank of Ceylon**

📅 05/2022 - 10/2022   📍 Hiripitiya Branch, Kurunegala

Worked in the Loan Section

- Engaged with clients

## EDUCATION

### BSc(Hons) Information Technology specialized in Data Science

**Sri Lanka Institute of Information Technology**

📅 2022 - 2026   📍 Malabe

### Computer Literacy Certification

**Open University of Sri Lanka**

📅 03/2022 - 09/2022   📍 Kurunegala

### GCE Advanced Level

**Holy Family Convent, Kurunegala**

📅 2020

- Physical Science stream   |   Index no - 2623387

### GCE Ordinary Level

**Holy Family Convent, Kurunegala**

📅 2017

- Index no - 72409916

## PERSONAL INFORMATION

**Name:**

Deshapriya Pallegedara Tharushi Nethmini Jayasooriya

**Birthdate:**   **Phone:**

23.08.2001   +94 761899460

**NIC:**

200173600782

## FIND ME ONLINE

in   github   link

## SKILLS

Python  |  R  |   Java  |   C/C++  |   HTML
CSS   |  PHP  |   JavaScript  |  React  |  Kotlin

**Development Environments**

Visual Studio, VS Code, Android Studio, Jupyter notebook, Eclipse IDE

**Database**   **Version control**

MySQL, MongoDB   Git

**Cloud Technologies**   **Data Visualization**

Microsoft Azure, AWS   Power BI   Excel

## ONLINE CERTIFICATIONS

**Python for beginners**
University of Moratuwa

**Career Essentials in Data Analysis**
Microsoft and LinkedIn

**Azure Fundamentals**
Simplilearn

**Problem Solving (Basic)**
HackerRank

# PROJECTS

## Personalized Product Recommendation System for E-commerce

Developed a personalized recommendation system using Collaborative Filtering, Content-Based Filtering etc. Built the backend with Python (Flask), integrated a MySQL database, and created a responsive frontend using HTML and CSS. Implemented algorithms with Pandas, NumPy, and Scikit-learn to enhance user experience through tailored product recommendations.

## Jewelry Manufacturing and Store Management System

Collaborated with an 8-member team to design and develop a comprehensive web application for Diamonds.lk, a jewelry factory and shop in Thalawathugoda, for client Mr. Kumara Waduge, providing facilities for both customers and the owner. Utilized the MERN stack (MongoDB, Express.js, React.js, and Node.js) to create a robust and user-friendly platform. Used Postman as a testing tool to ensure the service's reliability.

## Data Warehousing and Business Intelligence Solution (Olist Dataset)

Built a complete DW & BI solution using the Olist Brazilian e-commerce dataset. Designed a dimensional data warehouse (star schema) in SQL Server, developed ETL pipelines with SSIS from multiple sources, and created analytical cubes with SSAS. Demonstrated OLAP operations via Excel and built interactive Power BI reports, including drill-down and cascading filters.

## Content Sharing and Learning Platform

Developed a full-stack web application using Spring Boot, React, and MongoDB for users to share and manage learning content, share posts, like and comment on posts, follow/unfollow users, and see followers' content. Implemented backend features for content creation, retrieval, updating, and deletion with support for PDF attachments. Built secure user management with email/password and Google OAuth 2.0 authentication. Designed frontend components to display user content, profile information, and interactive content cards with options like bookmark and mark as learned, and to see followers' content.

## Online Event Planning System

Developed a robust, user-friendly web application using Java with Tomcat and MySQL database and Bootstrap, collaborating with 4-member team for the 2nd year 1 semester project.

## Online Fitness Trainer

Created an efficient online fitness training web application using PHP, HTML, CSS, and SQL server.

## Brick Blash Blitz - A brick-breaking mobile game

Developed using Kotlin in android studio.

# NON-RELATED REFEREES

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