

IRESH THARINDU

Recent SLIIT graduate with a BSc in IT, specializing in Data Science. Proficient in Python, R, SQL, and data manipulation tools like Pandas and Power BI. Skilled in data analysis, machine learning, and developing data-driven applications. I am also adept at software development, enabling me to create and deploy data-driven applications seamlessly. Dedicated to contributing to innovative data science projects and driving business growth.

Work Experience

Data Scientist, Raava by TAC

Feb 2022 - Dec 2022 | Colombo 05

- My role involved designing and implementing a system to remotely monitor and measure various parameters of the hydroponic setup. I used AWS cloud databases to store the collected data and Power BI.
- I was responsible for cleaning and preprocessing marketing department data using Python and Pandas. This involved handling missing values, standardizing data formats, and preparing the data for analysis.

Software Engineer, Cino cylone (pvt) Ltd

Mar 2024 - Present | Malabe

- Developed and maintained back-end components of web applications using PHP and Laravel-Filament, implemented within Docker containers for consistent development and deployment environments.

Educational Background

B.Sc. Information Technology (Specialization in Data Science)

Sri Lanka Institute of Information Technology | Feb 2019 - Feb 2024

Google | Business Intelligence Professional Certificate

Demonstrated hands-on experience with core BI practices and tools, including Google DataFlow and Tableau. Confidence in ETL and data modeling processes for extracting data from operational/transactional databases, transforming it into a usable form.

Mar 2024 - Jul 2024

Diploma in Software Engineering

Career development Full-stack developing Diploma programme | Developer stack master programme, Online | Mar 2024 - Present

Diploma in English

ESOFT Metro campus - 2018

RESEARCH AND PUBLICATIONS

Personalized smart skincare product recommendation

Final year research project- Developed a skin type detection system using computer vision techniques, leveraging Python and OpenCV for image analysis and classification.

PROJECTS

"GadgetBadget" Online Platform

Used Technologies- J-query, php myadmin, JavaScript, JSP Servlet

"NHL Sport" Data Warehouse and BI

Used Technologies- Microsoft server management studio Visual studio data tools | Microsoft Excel powerpivot | powerBI

Remote Temperature Identification and Prediction System

This is an IOT base project

Movie Recommendation and Genre Prediction System

Used Technologies- Collaborative Filtering (User-based, Item-based) | Content-Based Filtering | python | TensorFlow | MongoDB

Contact

L.M. Iresh Tharindu Hemantha
Diwel pawla Watta,
Welandagoda, Thelijjawila, Matara.
+94 77 53 65 273
ireshmeconi@gmail.com
August- 30 -1998

Profiles

LinkedIn

<https://www.linkedin.com/in/ireshtharindu/>

portfolio

<https://iresh1998.github.io/Portfolio/>

Medium Profile

<https://medium.com/@ireshmeconi>

Github

<https://github.com/iresh1998>

<https://github.com/ireshtharindu>

Technical Skills

Data analysis

- Visual studio BI tools.
- powerBI.
- Tableau.
- Excel powerpivot.
- R-Studio.
- Snowflake.
- Google BigQuery.

Database Management

- SQL Server.
- MySQL / SQL.
- OracleDB.
- Hadoop.
- sqlite.

Programming Languages and Libraries

- python.
- Java.
- JavaScript.
- PHP.
- C#, C++, C .
- [CSS, SASS, PHP, HTML-web development technologies].
- React.
- React Native.
- Angular.

Certification

- **Snowflake Data warehouse** Badge | Snowflake Data Application Badge | Snowflake Data Lake Badge (Badges of Issued by Snowflake university)
- **kaggle Contributor** - Machine Learning and neural networks