



# IMASHI DISSANAYAKE

BSc (Hons) in Information Technology  
at Sri Lanka Institute of Information Technology (SLIIT)  
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## SUMMARY

Enthusiastic and driven Information Technology undergraduate specializing in Data Science, currently seeking an internship opportunity to apply and enhance my technical and analytical skills. Possess a solid foundation in programming, data analysis, and problem-solving, along with exposure to Agile and Waterfall project management methodologies. Known for strong communication, leadership, and a collaborative mindset with a passion for bridging technology and real-world business needs. Eager to contribute to innovative teams and gain practical experience in data-driven environments.

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## KEY SKILLS

- **Web Technologies-** HTML, CSS, React.js, Node.js, Android Development
  - **Programming Languages-** Java, Kotlin, C++, Python, JavaScript, SQL
  - **Tools & Platforms-** Git & GitHub, VS Code, Android Studio, Postman, Eclipse, Jupyter Notebook, RStudio
  - **Databases-** MySQL, Firebase, MongoDB
  - **Data Analytics & Visualization Tools-** Tableau, Power BI, Excel, Python libraries
  - **Other Skills-** Problem-Solving, Debugging, Time Management, Communication, Agile (Basics), Team Collaboration, Presentation Skills
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## PROJECTS

### Agentic AI Fashion Trend Prediction & Social Media Analytics Platform

- Developed the FashionAI intelligence module using a Gemini-powered multi-agent architecture.
- Designed and implemented the Fashion Agent for detailed fashion trend forecasting and reporting.
- Built the Keypoints Agent to summarize complex trend reports into concise, user-friendly insights.
- Implemented an asynchronous workflow manager to coordinate agent interactions and generate real-time outputs.

### RetailIQ – Retail Analytics & Sales Prediction Platform

- Developed an end-to-end retail sales forecasting system using LightGBM with strong predictive performance.
- Built an automated data preprocessing pipeline (cleaning, encoding, feature engineering, scaling).
- Performed customer segmentation with KMeans to generate actionable demographic and behavioral insights.

### Supermarket Aisle Navigation System – MERN Stack Application

- Developed a full-stack solution for supermarket inventory and aisle navigation. Integrated AR-based Android navigation using Google ARCore. Built a React.js frontend with dynamic search and category filters, and implemented RESTful APIs with Node.js, Express.js, and MongoDB.
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### **Personal Finance Tracker(Cashora) – Android Studio (Kotlin)**

- Designed a mobile app to manage income, expenses, and budgets. Implemented category-wise tracking, transaction history, and persistent storage using Shared Preferences.

### **Online Food Ordering System – Java Servlets & JSP**

- Developed a feature-rich web application for food ordering using Java Servlets, JSP, and Built a web application for food ordering with user authentication, cart, order tracking, and dual review systems. Used OOP principles with SQL Workbench and hosted locally via Tomcat.

## **EDUCATION**

- **B.Sc.(Hons) in Information Technology Specializing in Data Science(3rd Year) 2023 - Present**  
Sri Lanka Institute of Information Technology (SLIIT) | GPA - 3.22
  - **ICT Skills Training Program** 2023 Mar- 2023 July  
Information Technology Center, University of Peradeniya
  - Studied at **Hillwood College Kandy** 2009- 2022  
G.C.E. A/L (2022)Science stream - Combined Maths, Physics, Chemistry
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## **EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS**

- Senior School Prefect - Hillwood College (2021-2022)
- Junior School Prefect (2020-2021)
- Primary School Prefect (2013)

### **Other Achievements**

- Part of Global Science Opera - Ecosystem Restoration (2021)
  - Finalist (Ranked 14th) & Top 25 Selection - SLIITXtream 4.0, IEEEExtreme Hackathon 2025
  - AWS SimuLearn - Cloud Practitioner – Amazon Web Services (AWS).
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## **REFERENCES**

Ms. Chathuni Thilakarathne  
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