H.P. DEEGHAU VIDARSHANA PREMASIRI ⬈
DATA SCIENCE INTERN

2nd Year (2Y2S) IT Undergraduate – specializing in Data Science (from 3rd Year, Feb 2026)
Sri Lanka Institute of Information Technology (SLIIT), Malabe

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Second-year IT undergraduate focusing on Data Science. Hands-on with Python, SQL, Excel, and Tableau for data cleaning, EDA, visualization, and dashboard development. Experienced in applying analytical techniques and problem-solving skills to derive insights. Built data-driven features in MERN projects with strong teamwork and timely delivery.

AREA OF EXPERTISE

- Programming & Algorithms — Python (sorting algorithms, loops, data structures), Java, C++
- Data Analysis & Visualization — EDA, Dashboards, Excel, Basic ML, learning Power BI & Tableau
- Web Development — MERN, Java(JSP / Servlets), PHP, HTML/CSS
- Database Design & Management — SQL & MongoDB
- Statistical Computing — RStudio
- Version Control & Collaboration — Git & GitHub, Agile sprints
- Communication & Leadership — Team lead, Presentations

KEY ACHIEVEMENTS

- **Presented project viva sessions and progress** demos with clear communication and leadership under tight academic deadlines.
- **Led a 5 member teams** across 3 module projects; closed 100% sprint tasks on time.

PROFESSIONAL & ACADEMIC EXPERIENCE

Full-Stack Developer — SafeZone Disaster Management System ⬈   Jul 2025 – Oct 2025
- Led a 5-member team to design and deploy *SafeZone*, a real-time MERN-based Disaster Management System integrating weather APIs, automated alerts, and analytics dashboards for nationwide disaster response.
- Managed Git branching and version control, coordinating cross-module presentations, weekly stakeholder demos, and action oriented team meetings.

StockFlux — Real-Time Stock Market Prediction System (Python) ⬈   Nov 2025 – Dec 2025
- Real-time stock market analysis and prediction system built with Python, using live financial data, time-series feature engineering, and machine-learning models with interactive visualizations.

Android App Developer — WellTrack App ⬈   Jul 2025 – Oct 2025
- Developed a wellness & habit tracking app with hydration reminders and mood-tracking charts. Applied WorkManager for scheduled notifications and modular Kotlin extensions for cleaner code.

Travel-Mania — Online Tour Guide System (Java) ⬈   Feb 2025 – May 2025
- Led a team in developing a Java web application using JSP, Servlets, and MySQL, implementing full CRUD functionality within an MVC-based online tour guide system.

Data Analyst — RStudio Labs (Probability & Statistics)
- Conducted EDA and visualization in R (histograms, box plots, frequency polygons); identified likely distributions and reported findings.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT) - Malabe   Oct 2023 – Present
BSc (Hons) in Information Technology
- Expected Specialization: Data Science (From 3rd Year – 2026)

De Mazenod College - Kandana   Jun 2020 – Sep 2023
- G.C.E Advanced Level - Physical science stream

ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Sinhala (Native)
- **Extracurricular Activities:** Sub-committee member of the Faculty of Computing Media Unit.

REFERENCES

Mrs. Geethanjali Wimalaratne

Senior Lecturer, Department of Information Technology

Faculty of Computing, SLIIT.

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