H.P. DEEGHAU VIDARSHANA PREMASIRI [↗]

DATA SCIENCE INTERN

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github.com/Deeghau0816 | **linkedin.com/in/deeghau-vidarshana-2ab8932a7** | *deeghau0816.github.io/Portfolio*

Second-year IT undergraduate focusing on Data Science. Hands-on with SQL and Excel for data cleaning, EDA, dashboards, and reporting. Built data-driven features and dashboards in MERN projects; strong teamwork and delivery under deadlines.

AREA OF EXPERTISE

- Data Analysis & Visualization — EDA, Dashboards, Basic ML, Basic Excel
- Web Development — MERN, 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 team** 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.

Android App Developer — Mobile Application Development Projects   Jul 2025 – Oct 2025
- **TravelMania App:** Designed a tourism and event booking app using Kotlin and Jetpack. Created onboarding screens, destination guides, and event management features with a modern Figma-based UI. [↗]
- **WellTrack App:** Developed a wellness & habit tracking app with hydration reminders and mood-tracking charts (MPAndroidChart). 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

ADDITIONAL INFORMATION

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

REFERENCES

Mrs. Geethanjali Wimalaratne
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Faculty of Computing, SLIIT.
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