

Form I – 3A

INTERN'S DAILY DIARY

(To be filled by the Intern- Please ensure to upload duly filled set of forms at end of four weeks to the provided folder)

Intern's Information

Intern's Name **Jayalath J P U N**Student ID **IT22362926**

Internship Information

Internship Title **Data Analyst**Specialisation **Information Technology (IT)**Supervisor Name **Mr. Vajira Jayasinghe**

Training Information For the Week (to be filled by the intern)

DATE	DETAILS AND NOTES OF WORK CARRIED OUT, PROBLEMS ENCOUNTERED AND HOW SOLVED ETC., SKETCHES AND DIMENSIONS TO BE GIVEN WHEREVER POSSIBLE.
19 th Aug	<ul style="list-style-type: none"> Public holiday (Poya Day).
20 th Aug	<ul style="list-style-type: none"> Assigned a new task by the IT department to assess the security of an incomplete WordPress site designed to handle sensitive data files. Conducted a thorough analysis of the system, identifying several critical vulnerabilities. Reported these findings to the IT department along with recommendations for mitigating the risks.
21 st Aug	<ul style="list-style-type: none"> Tasked with addressing the vulnerabilities found in the WordPress site. As I was unfamiliar with WordPress, I took the initiative to research and learn about WordPress plugins and various system functionalities to better understand how to secure the platform.

22 nd Aug	<ul style="list-style-type: none"> While attempting to secure the WordPress site, I concluded that the platform was not ideal for handling critical files and sensitive data securely. I communicated this concern to the IT department and was given the opportunity to research alternative methods. After careful evaluation, I recommended using the MERN stack (MongoDB, Express.js, React.js, and Node.js) as a more robust solution for developing the system.
23 rd Aug	<ul style="list-style-type: none"> Received approval from the IT department to proceed with the development of the new system using the MERN stack. Began by outlining the key functionalities of the system through a paper sketch and then proceeded to create Figma prototypes to visualize the design and user interface. Attended an MIS (Management Information System) evaluation session focused on credit and finance, using Power BI, alongside IT management. This demonstration, held before the final release of the system, included discussions on potential future improvements and upcoming updates. As a Data Analyst intern, it was mentioned that I may have the opportunity to assist in managing the system after its release, contributing to its smooth operation and supporting any future enhancements.

SUPERVISOR COMMENTS FOR THE WEEK

Supervisor's
Signature

Date

[Click here to enter a date.](#)