DATE: 30 JUNE 2025

DAY: MONDAY

DAY 7 — Cloud Setup Using ThingSpeak

LEARNING OBJECTIVES:-

- Learn cloud IoT data uploading via API keys.
- Understand graph visualization on ThingSpeak.

Overview:-

Day 7 introduced cloud-based data logging using ThingSpeak. The focus was on creating channels, using API write keys, and sending the first test HTTP request from ESP32.

Activites:-

- Created ThingSpeak channel with fields.
- Sent test data using HTTP GET request.

Insights:-

- Understood security role of private API keys.
- Observed cloud graphs update in real time.