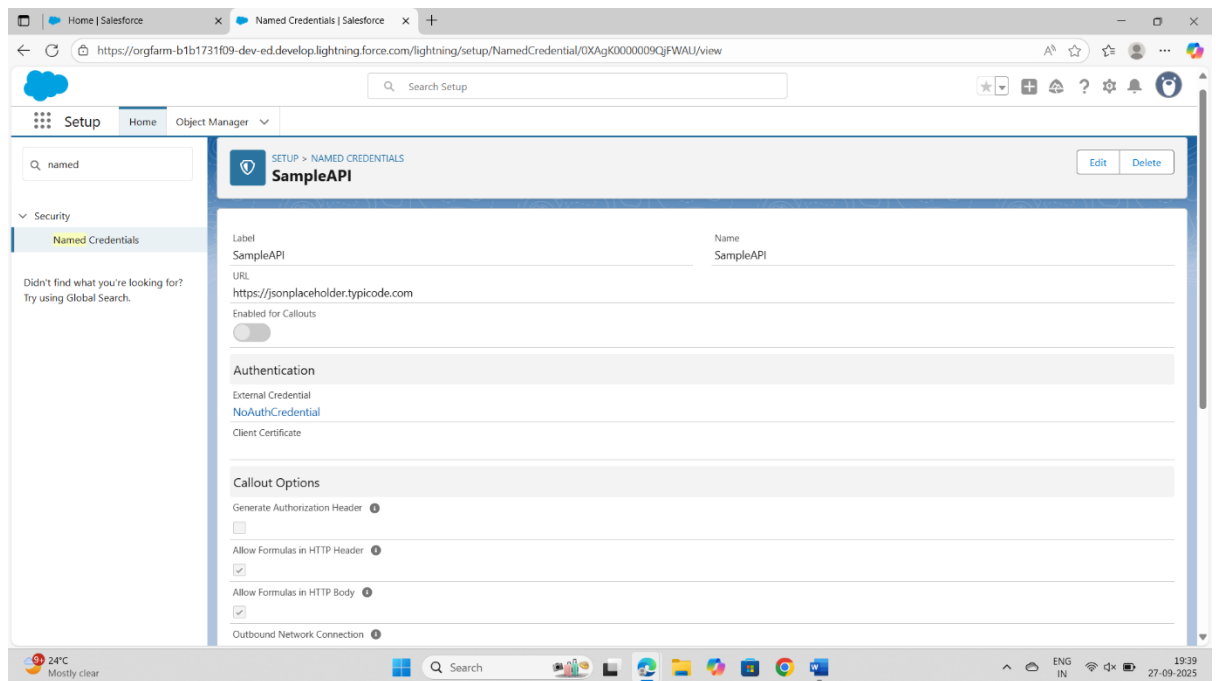


Phase 7: Integration & External Access

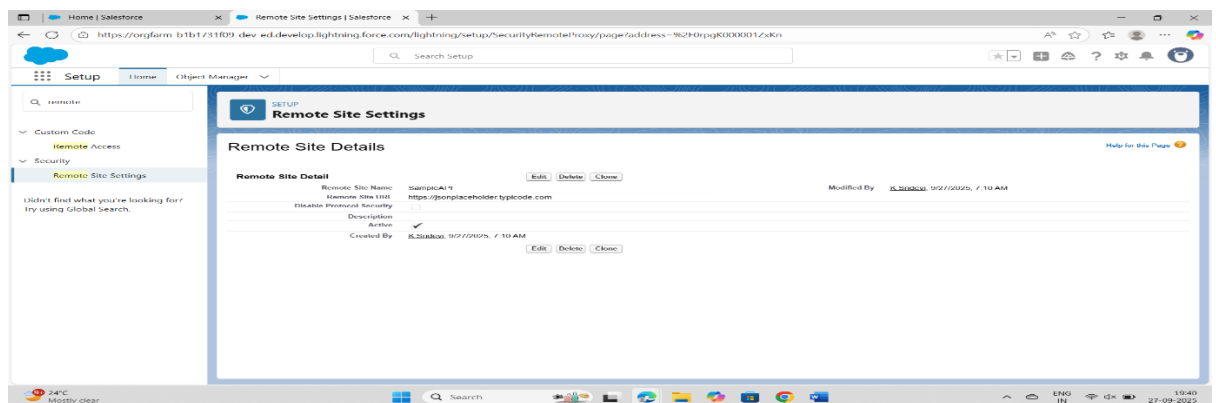
1. Named Credentials

- Setup → Named Credentials → New.
- Label: SampleAPI
- URL: <https://jsonplaceholder.typicode.com>
- Identity Type: Anonymous.
- Authentication Protocol: No Authentication.



2. Remote Site Settings

- Setup → Remote Site Settings → New.
- Label: SampleAPI
- URL: <https://jsonplaceholder.typicode.com>



3. Apex REST Callout

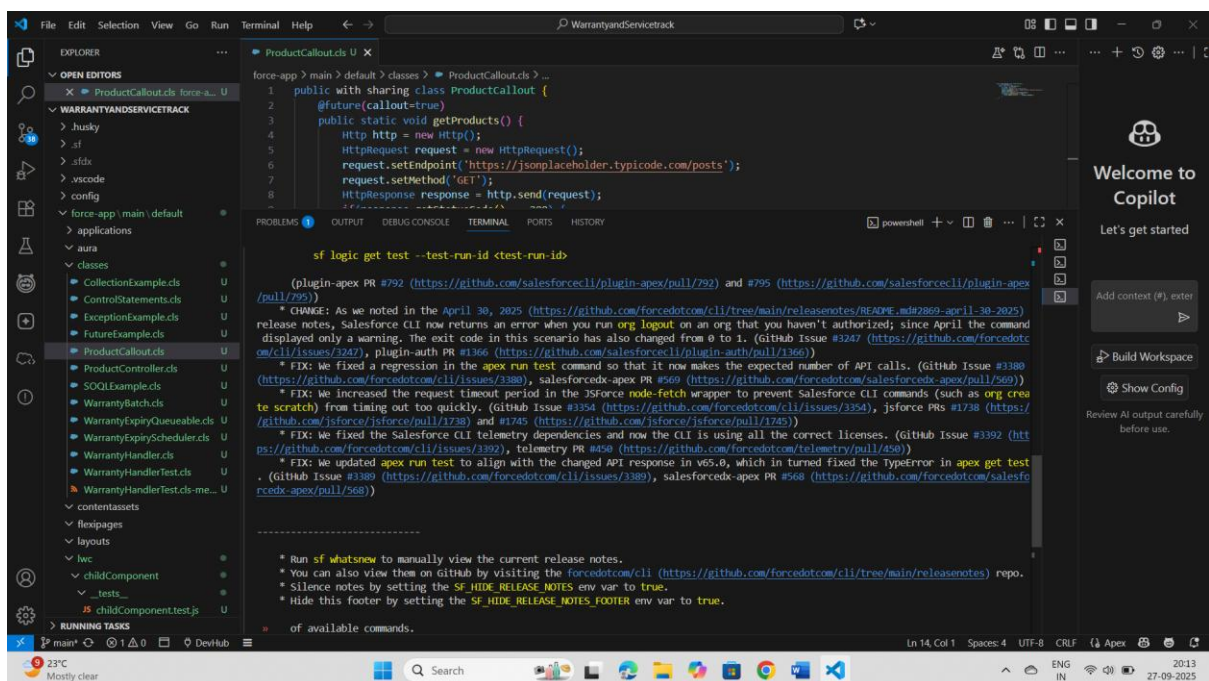
In VS Code → create ProductCallout.cls

```
ProductCallout.cls U X
force-app > main > default > classes > ProductCallout.cls > ...
1 public with sharing class ProductCallout {
2     @future(callout=true)
3     public static void getProducts() {
4         Http http = new Http();
5         HttpRequest request = new HttpRequest();
6         request.setEndpoint('https://jsonplaceholder.typicode.com/posts');
7         request.setMethod('GET');
8         HttpResponse response = http.send(request);
9         if(response.getStatusCode() == 200) {
10             System.debug('Response: ' + response.getBody());
11         }
12     }
13 }
14
```

4. Run Callout

Open Developer Console → Execute Anonymous:

ProductCallout.getProducts();



5. Platform Event

- Setup → Platform Events → New.
- Label: Service_Request_Event

- Field: Message__c (Text).
- Add Trigger: When Service_Request__c is created, publish event.

```
trigger ServiceRequestEventTrigger on Service_Request__c (after insert) {
    for(Service_Request__c sr : Trigger.new) {
        Service_Request_Event__e eventMsg = new Service_Request_Event__e(
            Message__c = 'New SR Created: ' + sr.Name
        );
        Database.saveResult srResult = EventBus.publish(eventMsg);
    }
}
```

