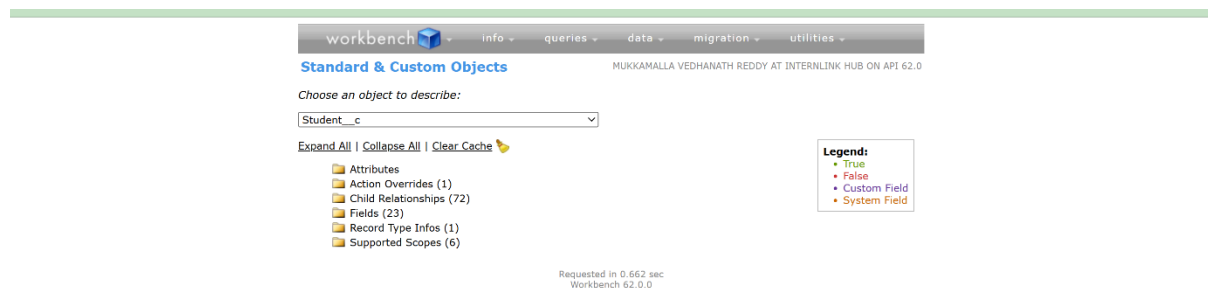


## InternLink Hub -“A Central Platform for Internships & Placements”

### Phase 7: Integration & External Access — InternLink Hub CRM

#### 1. External Services

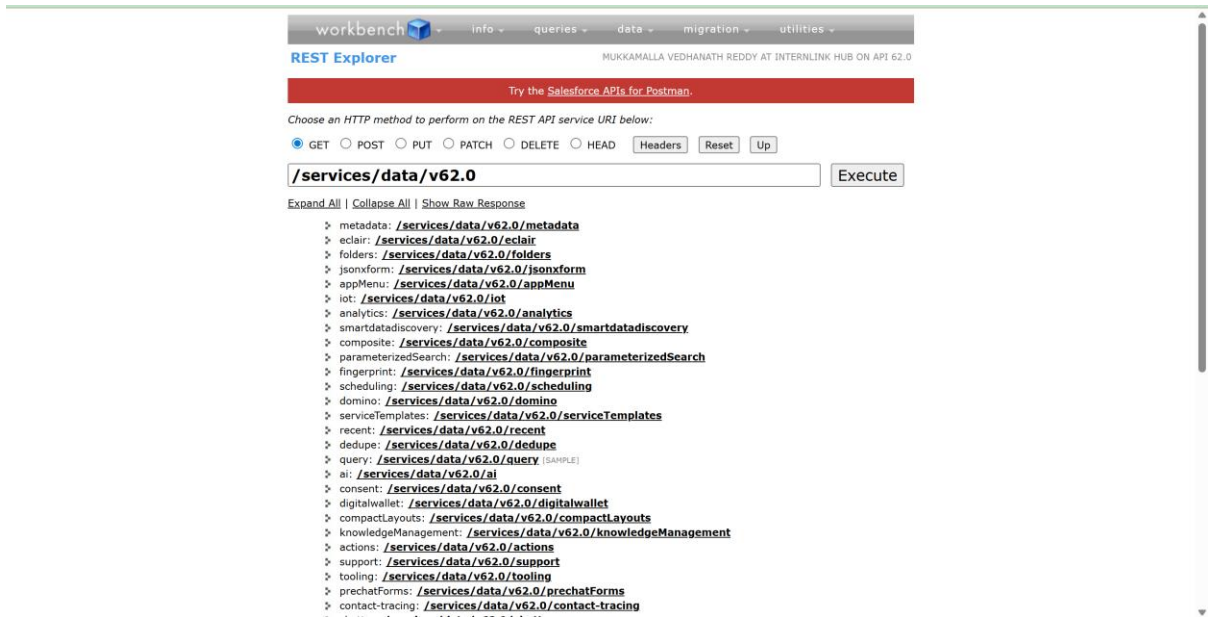
- **Purpose:** Connect Salesforce to external APIs in a declarative way without heavy coding.
- **Implementation:**
  - Used **Workbench** to register and test external APIs.
  - Imported API specifications (e.g., OpenAPI/Swagger) into Salesforce External Services.
  - Configured Named Credentials to securely authenticate API access.
- **Benefit:** Allows seamless integration with external services while reducing development complexity, enabling quick access to external internship-related data.



#### 2. Web Services (REST)

- **Purpose:** Exchange data between Salesforce and external systems using REST APIs to enhance CRM capabilities.
- **Implementation:**
  - Built **Apex classes** to perform REST callouts for retrieving and updating internship-related data.
  - Configured **Named Credentials** or **Remote Site Settings** to securely access external endpoints.
  - Tested the REST callouts using **Salesforce Workbench** to ensure accuracy and proper data handling.

- **Benefit:** Enables dynamic interaction with external systems, allowing InternLink Hub CRM to fetch, update, or synchronize data in real time without manual entry.



### 3.OAuth & Authentication

- **Purpose:** Securely authenticate integrations with external systems or applications, ensuring that data exchange is safe and compliant with security standards.
- **Description:** OAuth is an industry-standard protocol for authorization that enables secure access to external APIs without exposing user credentials. In InternLink Hub CRM, OAuth is configured using Salesforce Authentication Providers, allowing integrations with services such as Google APIs or LinkedIn APIs for internship data. This ensures that all data interactions are authorized and secure.

### 4.Remote Site Settings

- **Purpose:** Whitelist external domains so Salesforce can safely perform callouts to them.
- **Description:** Salesforce requires explicit permission to connect to external web services. Remote Site Settings store the URLs of trusted external APIs, enabling secure callouts. For InternLink Hub CRM, Remote Site Settings are configured for external internship portals or notification services so that Apex callouts and integrations work without security errors.

**Remote Site Settings**

**All Remote Sites**

Below is the list of Web addresses that your organization can invoke from salesforce.com. To add another Web address, click New Remote Site.

View: [All Remote Sites](#) [Create New View](#)

Action	Remote Site Name	Namespace Prefix	Remote Site URL	Active	Created By	Created Date	Last Modified By	Last Modified Date
<a href="#">Edit</a> <a href="#">Del</a>	ApexDevNet	-	http://www.apexdevnet.com	✓	EPIC_OrgFarm	9/16/2025, 8:15 PM	EPIC_OrgFarm	9/16/2025, 8:15 PM

## 5.Named Credentials

- **Purpose:** Securely store authentication details for external APIs and simplify callouts.
- **Description:** Named Credentials store the URL, authentication type, and credentials for external services. This avoids hardcoding sensitive information in Apex code and makes integrations easier to maintain. In InternLink Hub CRM, Named Credentials are used to connect to third-party internship services and notification APIs, ensuring secure and reliable integrations while keeping credentials managed centrally.