

DevRel

Developer Relations Work Test – Cross-Chain Swap Using OneBalance API

Estimated Time: 4 hours

Skill Focus: API Integration, TypeScript, Developer Communication

Objective

Your task is to integrate the [OneBalance API](#) into a simple TypeScript-based application that demonstrates a **cross-chain swap**. You will document your process and record a short demo explaining your implementation.

Task Breakdown

1. API Integration (2-3 hours)

- Set up a TypeScript-based project (Node.js, Express, or any frontend framework).
- Use the **OneBalance API** to perform a **cross-chain swap** between two testnet assets.
- Handle authentication, request formatting, and API responses correctly.
- Display or log the transaction details.

2. Publishing (30 minutes)

- Write a short blog post or Twitter thread draft explaining the integration.
- Explain key API calls and how they interact.

3. Demo Recording (30 minutes)

- Record a **3-5 minute** video explaining:
 - How the integration works.
 - Key challenges faced and solutions.
 - A live demo of the cross-chain swap.
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Submission Requirements

- A **GitHub repository** with:
 - Source code (TypeScript).
 - A **short demo video link** (Loom, YouTube, or Google Drive).
 - API keys should **not** be hardcoded—use `.env` files.
 - Ensure error handling and logs provide useful information.
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