1200. Minimum Absolute Difference

Description

Given an array of **distinct** integers `arr`, find all pairs of elements with the minimum absolute difference of any two elements.

Return a list of pairs in ascending order(with respect to pairs), each pair `[a, b]` follows

- `a, b` are from `arr`
- `a < b`
- `b - a` equals to the minimum absolute difference of any two elements in `arr`

Example 1:

```
Input: arr = [4,2,1,3]
Output: [[1,2],[2,3],[3,4]]
Explanation: The minimum absolute difference is 1. List all pairs with difference equal to 1 in ascending order.
```

Example 2:

```
Input: arr = [1,3,6,10,15]
Output: [[1,3]]
```

Example 3:

```
Input: arr = [3,8,-10,23,19,-4,-14,27]
Output: [[-14,-10],[19,23],[23,27]]
```

Constraints:

- `2 <= arr.length <= 10`^{5}
- `-10`^{6} `<= arr[i] <= 10`^{6}