JSON.stringify II   ⭐ Premium

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Engineering Manager, Robinhood   `</>` JS TS   🔥 Hard   🕐 45mins   ✅ 174 done

Implement your a `jsonStringify` function that converts a JavaScript value into a JSON string, similar to `JSON.stringify`.

- You may ignore the **second and the third** optional parameters in the original API.

- The function should behave exactly like `JSON.stringify()` for any data type. Refer to the examples below.

- Other cases:

  - Cyclic references: throw `TypeError('Converting circular structure to JSON')`.

  - `BigInt`: throw `TypeError('Do not know how to serialize a BigInt')`.

Examples

```
jsonStringify({ foo: 'bar' }); // '{"foo":"bar"}'
jsonStringify({ foo: 'bar', bar: [1, 2, 3] }); // '{"foo":"bar",bar:[1,2,3]}'
```

Other types and their expected behavior:

```
1   jsonStringify(); // undefined
2   jsonStringify(undefined); // undefined
3   jsonStringify(null); // 'null'
4   jsonStringify(true); // 'true'
5   jsonStringify(false); // 'false'
6   jsonStringify(1); // '1'
7   jsonStringify(Infinity); // 'null'
8   jsonStringify(NaN); // 'null'
9   jsonStringify('foo'); // '"foo"'
10  jsonStringify('"foo"') === '"\\"foo\\""'; // Double quotes present in the original input ar
11  jsonStringify(Symbol('foo')); // undefined
12  jsonStringify(() => {}); // undefined
13  jsonStringify(['foo', 'bar']); // '["foo","bar"]'
14  jsonStringify(/foo/); // '{}'
15  jsonStringify(new Map()); // '{}'
```

```
16   jsonStringify(new Set()); // '{}'
```

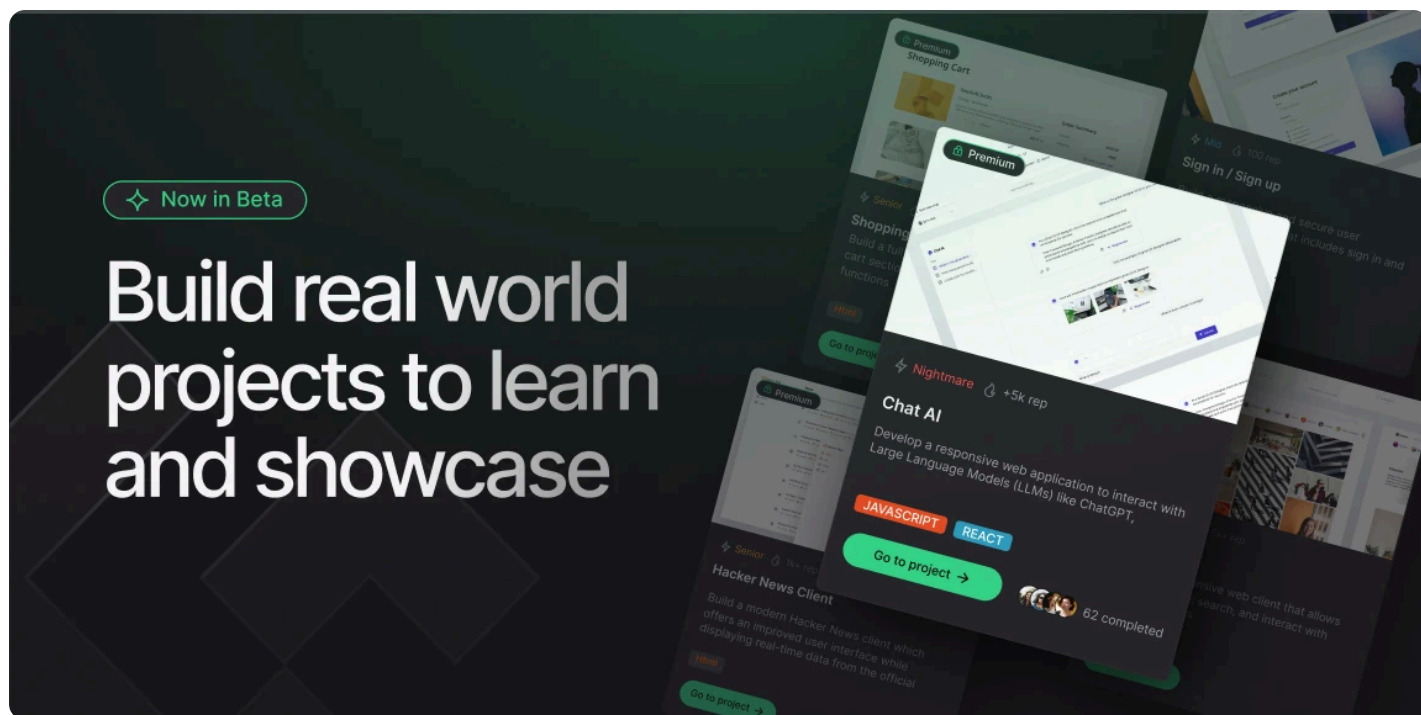## Asked at these companies

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