Writing Reliable Tests for React using AI

A comprehensive guide to building robust test suites with AI assistance

Agenda

1. **Prepare React Testing Infrastructure**

2. **Write reliable tests for React components**

3. **Use AI to write the tests**

4. **Prompt AI to produce consistent tests**

1. Prepare React Testing Infrastructure

- Set up modern testing tools

- Configure testing environment

- Establish best practices

- Create reusable test utilities

2. Write reliable tests for React components

- Component testing strategies

- Testing user interactions

- Mocking dependencies

- Asserting component behavior

3. Use AI to write the tests

- Leveraging AI for test generation

- Understanding AI capabilities

- Integrating AI into testing workflow

- Quality assurance with AI-generated tests

4. Prompt AI to produce consistent tests

- Crafting effective prompts

- Establishing testing patterns

- Creating prompt templates

- Ensuring consistency across tests

Thank You

Questions & Discussion