

## Jest with Enzyme

Training Name: - Jest with Enzyme

Training Duration: 2 Days

Training Delivery: - Virtually

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### Prerequisites:

- 1) Strong JavaScript knowledge is must
- 2) NodeJS knowledge is must along with NPM
- 3) React knowledge is must

### Course Outline

- Introduction
  - ✓ React with create-react-app
  - ✓ Enzyme
  - ✓ Jest
  - ✓ Node
  - ✓ VSCode
- Test Application
  - ✓ Front-end with React
  - ✓ Simple back-end
  - ✓ Focusing on unit testing components
- Starting with Jest
  - ✓ Using Jest/Enzyme to validate accessibility requirements
  - ✓ Running tests under Jest
  - ✓ Jest Testing Outline
  - ✓ Discover()
  - ✓ It() / test()
  - ✓ Running code before and after tests
  - ✓ Matchers
  - ✓ Reporters
- Code Coverage
  - ✓ What is code coverage?
  - ✓ Snapshots

- Test Mocking
  - ✓ Unit testing vs integration testing
  - ✓ Mocks help maintain boundaries
  - ✓ Mocking components
  - ✓ Mocking functions
  - ✓ Asynchronous functions
  - ✓ To mock, or not to mock?
- Enzyme and shallow rendering
  - ✓ Role of Enzyme
  - ✓ Enzyme vs Jest,
  - ✓ Enzyme with Jest
  - ✓ Enzyme Configuration
  - ✓ Shallow rendering of a component
- Conclusion