**1. VS Code Debugger**

* Integrates directly with Playwright for step-by-step debugging.
* Allows setting breakpoints, inspecting variables, and evaluating expressions.
* Provides a visual, interactive interface for efficient troubleshooting.

**2. Playwright Inspector**

* Visual tool to step through code execution.
* Allows you to pause, inspect elements, and rerun tests interactively.
* Helps visualize and modify tests in real-time for faster debugging.

**3. Trace Viewer**

* Records all interactions and network activities during test execution.
* Offers a detailed view of DOM snapshots, screenshots, and network requests.
* Helpful for post-test analysis and identifying failure points.

**4. Browser Developer Tools**

* Uses Chrome/Firefox DevTools to inspect elements and debug scripts.
* Allows real-time JavaScript execution and monitoring of network activity.
* Ideal for refining and testing browser-specific behaviors during tests.

**5. Verbose API Logs**

* Logs detailed API requests, responses, and status codes during test execution.
* Helps in tracking API-level issues and understanding the interaction between frontend and backend.
* Useful for debugging RESTful API calls and backend integration tests.

**6. Headed Mode**

* Runs tests with a visible browser, allowing you to see interactions in real-time.
* Useful for visual inspection of test flows and manual intervention.
* Provides insight into the actual user experience during testing.