## Master Checklist for Using ChatGPT in QA Work

A detailed, practical guide for Quality Assurance Engineers to leverage ChatGPT effectively in day-to-day tasks.

### Test Case Generation from User Stories

* Convert user stories or acceptance criteria into test cases
* Include preconditions, test steps, expected and actual results
* Generate edge cases, boundary tests, and negative test scenarios

### Exploratory Testing Ideas

* Suggest exploratory test charters using heuristics (SFDIPOT, RCRCRC, HICCUPPS)
* Identify high-risk features to focus exploratory sessions
* Outline goals, duration, and coverage for session-based testing

### Bug Report Structuring

* Format bug reports clearly with: Title, Steps to Reproduce, Expected vs Actual, Severity
* Rewrite unclear bug reports into well-structured, actionable items
* Suggest probable root causes using logs or observed behavior

### Postman or API Test Creation

* Generate cURL, Postman, or HTTP request samples for APIs
* Create Postman test scripts to validate response code, body, headers
* Help with authorization headers, environments, and pre-request scripts

### XPath/CSS Selector Generation

* Build XPath/CSS selectors for web elements from raw HTML
* Handle dynamic elements with `contains()`, `starts-with()`, etc.
* Analyze selector stability for robust automation

### Automation Script Generation

* Generate Selenium, Cypress, Playwright, or Appium test code
* Convert manual test cases into automation scripts
* Set up page object models or framework scaffolding
* Refactor or debug automation code with explanations

### Jira Issue Templates

* Create templates for:
  + Bug Reports
  + User Stories
  + Test Cases
* Format using Markdown or Jira Wiki syntax
* Suggest concise and consistent issue naming

### Documentation Rewriting

* Improve QA documents like:
  + Test Plans
  + QA Strategies
  + Release Checklists
* Translate technical detail into stakeholder-friendly summaries
* Format docs for GitHub or Confluence

### Test Data Generation

* Generate realistic test data (emails, names, numbers, etc.)
* Provide edge cases like:
  + Special characters
  + SQL injection inputs
  + Long/short input values
* Create JSON or XML payloads for API testing

### Interview Prep Support

* Simulate technical and behavioral interviews
* Generate QA interview questions (manual, automation, API)
* Review and improve resume and portfolio content
* Practice STAR-method answers for situational questions

### Learning Roadmap Planning

* Suggest weekly or monthly learning paths for:
  + Automation tools (e.g., Selenium, Playwright)
  + Testing skills (e.g., API testing, performance testing)
* Curate free and paid resources (docs, videos, hands-on tasks)
* Break learning into phases with goals and milestones