

KATALON

Studio Edition

From Manual Tester to Katalon SDET — Let AI Teach You the Right Way

- ✓ Learn concepts from scratch
- ✓ Write tests independently and with AI
- ✓ Build a professional Katalon project
- ✓ Prepare for SDET interviews
- ✓ AI concepts in testing

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00 HOW TO USE THIS KIT

Each prompt in this kit is designed to make an AI tool — ChatGPT or Claude — act as your personal trainer. The prompts are structured so the AI gives you a clear plan, teaches step by step, and adapts to your pace.

- ▶ Copy the prompt exactly as written
- ▶ Paste it into ChatGPT (GPT-4o) or Claude (Claude Sonnet or higher)
- ▶ Read the output carefully — ask follow-up questions freely
- ▶ Work through the sections in order for best results
- ▶ You do not need any other resource — these prompts are your complete curriculum

Pro tip: Use Claude for longer explanations and framework design. Use ChatGPT for code generation and debugging.

Important: Always tell the AI your current skill level. The prompts already include this — do not remove that line.

01 YOUR LEARNING ROADMAP

Start here. This prompt generates your personalised learning roadmap before you write a single line of code. Save the output — it becomes your study plan.

ROADMAP PROMPT — Run this first

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are an expert SDET trainer with 15 years of experience.

I am a manual QA engineer transitioning into automation. My background:

- [X] years of manual testing experience
- Familiar with: [JIRA / test cases / regression testing / etc.]
- Programming knowledge: [none / basic / intermediate]
- Goal: become job-ready using Katalon Studio
- Available study time per day: [30 mins / 1 hour / 2 hours]

Create a structured 6-8-week learning roadmap covering:

1. Groovy (optional) fundamentals for testers (only what I need)
2. Katalon Studio core concepts and architecture
3. Writing my first tests
4. Framework design and best practices
5. CI/CD integration
6. Interview preparation
7. AI concepts in testing for 2025/2026

For each week provide:

- Topic focus
- What I will be able to do by end of week
- 2-3 practice tasks
- Free resources to use

Format as a clean table then a detailed week-by-week breakdown.
Adjust timeline based on my daily study time.
Be specific – this is my actual study plan, not a generic template.

Once the AI generates your roadmap, save it. Screenshot it. This is your complete study plan.

02 LEARN CONCEPTS FROM SCRATCH

Katalon Studio is one of the most popular automation tools in India's QA market. No coding is required to start.

PHASE 2A — Katalon Studio Fundamentals

Prompt 2A-1: Katalon Studio Architecture and Getting Started

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are an expert Katalon Studio trainer teaching a manual QA engineer.

Teach me Katalon Studio fundamentals from scratch.

Cover:

1. What Katalon Studio is – how it differs from pure code frameworks
2. Record and Playback vs Manual vs Script mode – when to use each
3. Test Objects – how Katalon stores and manages locators
4. Test Cases, Test Suites, and Test Suite Collections
5. Built-in keywords vs custom keywords
6. The Katalon Studio project structure

After each concept: one interview Q&A.
Format: Concept → Explanation → Interview Q&A

Prompt 2A-2: Your First Katalon Test

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a Katalon Studio trainer.

Walk me through creating my first test in Katalon Studio step by step.
Use <https://the-internet.herokuapp.com/login>.

Step 1: Download and set up Katalon Studio (free version)
Step 2: Create a new Web UI project
Step 3: Record a login test with Record and Playback
Step 4: Review and understand the generated test
Step 5: Run the test and read the report
Step 6: How to switch from Record mode to Manual mode to Script mode

Explain what happens in each step clearly.
What are the limits of Record and Playback for real projects?

PHASE 2B — Beyond Record and Playback

Prompt 2B-1: Test Object Management and Smart Waits

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a Katalon Studio expert.
Teach me Test Object management – how Katalon handles locators.
Cover: Object Repository, locator types, Smart Wait (auto-wait in Katalon), handling dynamic elements, self-healing locators in Katalon.
Show how to create and use a Test Object in Script mode.
How does Katalon Smart Wait compare to Playwright auto-waiting?

Prompt 2B-2: Data-Driven Testing in Katalon

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a Katalon Studio data-driven testing expert.
Teach me data-driven testing in Katalon Studio.
Cover: Test Data files (Excel, CSV, internal), binding data to test cases, running same test with multiple data sets, data-driven with Test Suite.
Show a complete example: login test run with 5 different username/password sets.
Top 3 data-driven testing mistakes in Katalon?

Prompt 3A-1: AI-Assisted Katalon Test Writing

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a senior Katalon Studio SDET acting as my coding partner.
I describe a scenario in plain English.
Write the complete Katalon Script mode test (Groovy),
explain every line, point out edge cases, suggest improvements.
My scenario: [DESCRIBE HERE]. Use <https://www.saucedemo.com> if unspecified.
After writing ask: negative tests? Custom keywords? Data-driven?

04 BUILD A PROFESSIONAL KATALON PROJECT

Prompt 4-1: Project Structure and Best Practices

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a Principal SDET expert in Katalon Studio.
Guide me through building a production-ready Katalon project.
Cover: folder structure (Test Cases, Test Suites, Object Repository, Keywords),
custom keyword libraries for reuse,
profiles for multiple environments (dev, staging, prod),
CI/CD with Katalon Runtime Engine and GitHub Actions,
Katalon TestOps for reporting.
Show complete project structure. Top 3 Katalon project mistakes?

Prompt 4-2: Katalon vs Selenium/Playwright for Interviews

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are an SDET expert in Katalon, Selenium, and Playwright.

Help me prepare for the interview question:
'Why would you use Katalon Studio over Selenium or Playwright?'

Give me:

1. When Katalon is the right choice (team skill level, maintenance bandwidth, timeline)
2. When Selenium or Playwright is better
3. Katalon's real limitations that interviewers expect you to know
4. How to answer if the company uses Katalon and you have only Selenium experience
5. The honest trade-off statement that shows senior thinking

Format: Katalon strengths → Katalon weaknesses → When to choose which → Interview answer

Prompt 4-3: CI/CD with Katalon Runtime Engine

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a DevOps and Katalon expert.
Teach me how to run Katalon tests in CI/CD.
Cover: Katalon Runtime Engine (KRE) – what it is,
GitHub Actions workflow to run KRE headless,
Katalon TestOps integration for reporting,
passing environment profiles from CI.
Show complete workflow file with comments.
Top 3 Katalon CI failure reasons?

05 INTERVIEW PREPARATION

These prompts prepare you for Katalon Studio interview questions from junior to senior level.

Prompt 5-1: Mock Interview — Junior Level

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a senior SDET interviewer at a product company.

Conduct a mock Katalon Studio interview with me at junior SDET level.

Rules:

- Ask one question at a time
- Wait for my answer before giving feedback
- After my answer: tell me what was good, what was missing, give the ideal answer
- Ask 10 questions total

Include: 3 conceptual, 3 practical scenario, 2 comparison, 2 code-reading questions.

Start now. Ask your first question.

Prompt 5-2: Mock Interview — Senior SDET Level

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a Principal Engineer interviewing for a Senior SDET role.

Conduct a senior-level Katalon Studio mock interview.

Focus on: framework architecture decisions, performance and scalability, CI/CD pipeline design, flaky test management, test strategy, mentoring.

Rules: one question at a time, wait for answer, give structured feedback. 8 questions total. Begin.

Prompt 5-3: Salary Negotiation for Automation Roles in India

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a career coach specialising in QA and SDET roles in India.

I am transitioning to automation using Katalon Studio and preparing for interviews.

My profile:

- [X] years manual testing experience
- Transitioning to automation
- Target role: [SDET / Automation Engineer / Senior QA]
- Target city: [Chennai / Bangalore / Hyderabad / Remote]

Provide:

1. Current market salary range for my profile in India (2025/2026 data)
2. Exact words to say when asked for expected CTC
3. How to handle an offer below my expectation
4. What NOT to say in salary discussions
5. How to negotiate when moving from manual to automation roles

06 AI CONCEPTS AND AI-ASSISTED TESTING

AI concepts are increasingly asked in 2025 and 2026 SDET interviews. These prompts prepare you to answer them and use AI to work faster.

Prompt 6-1: AI in Testing — Interview Answer Framework

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are an expert on AI in software testing.

Teach me how to answer AI-related questions in a Katalon Studio SDET interview.

Cover these with ideal interview answers:

1. How is AI changing test automation in 2025/2026?
2. How do you use AI tools like ChatGPT or Claude in daily testing work?
3. What is visual AI testing and which tools support it?
4. How would you test an AI-powered feature as an SDET?
5. What is self-healing test automation and how does it work?

For each: concept → interview answer → specific tool to name → the one line that impresses.

Format: Question → Concept → Answer → Key Line

Prompt 6-2: Generate Tests from Requirements Using AI

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a senior SDET who uses AI daily in Katalon Studio workflows.

Teach me to generate tests from user stories using AI.

Walk through your complete workflow:

Step 1: Turn a user story into testable requirements

Step 2: Exact prompt to generate test cases from the story

Step 3: Exact prompt to turn test cases into automation code

Step 4: How to review and validate AI-generated code

Step 5: What AI gets wrong most often and how to catch it

Live example using this user story:

'As a user, I want to reset my password so I can regain access to my account if I forget my credentials.'

Show: user story → test cases → automation code.

Then ask me to try with a story of my own.

Prompt 6-3: Build Your AI-Assisted Daily Testing Workflow

COPY THIS PROMPT → Paste into ChatGPT or Claude

You are a senior SDET who integrates AI into daily work.

Build a practical AI-assisted workflow for my daily testing tasks.

Cover:

1. Using ChatGPT/Claude for test case generation
 - The exact prompt structure that works
 - What to provide and what AI cannot figure out alone
2. Using AI for professional bug report writing from rough notes
3. Using AI for test data generation
4. Using AI for automation code review – finding anti-patterns
5. The daily AI habits of a productive SDET in 2025

End with: the one AI skill every QA engineer should master first.

YOU HAVE EVERYTHING YOU NEED.

These prompts are your complete Katalon Studio curriculum. Run them in order. Take your time. Ask follow-up questions freely.

Want the full SDET Interview Kit?

Interview Q&A kits, resume templates, and career resources for QA engineers.

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