ADVANCED · AI AGENT

An agent that uses a website like a person and *reports what's broken.*

Give it a goal. It clicks through a real browser and writes bug reports with screenshots.

6–10	3	5
weeks to build	parts one prompt won't solve	steps, in order



NYC is taught live by engineers *who work in tech today.*

This brief is by the NYC team. These are the engineers who teach NYC's live classes.

The instructors

FULL STACK AND GENAI

Swapnil

Forward Deployed Engineer, Microsoft

IIT (ISM) Dhanbad. Works on Microsoft Teams.

DSA

Akshay

Senior Software Engineer, Atlassian

IIT Bombay. Earlier at Jio Platforms and Myntra.

DATA SCIENCE AND ML

Abhishek

Engineering Analyst, Google

IIT Kanpur. Earlier at Optum and BARC.

AGENTIC AI

Jaskirat

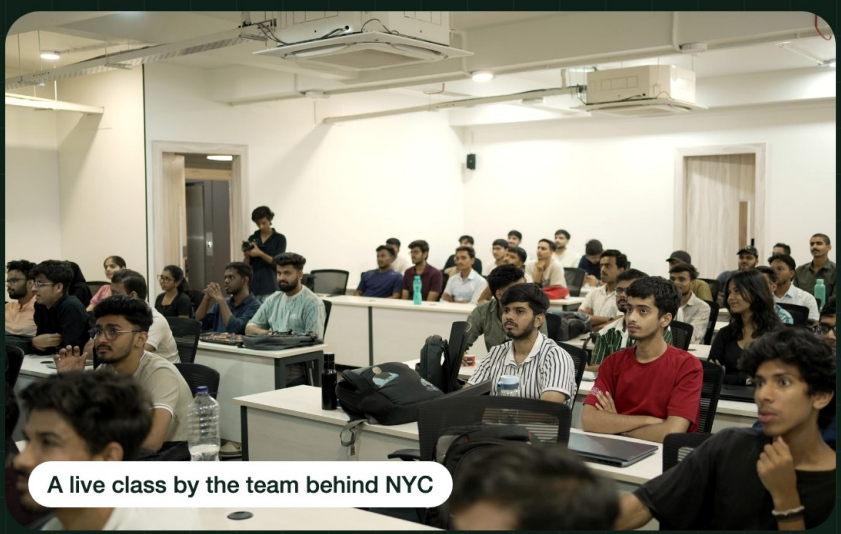
Senior Software Engineer, NTT DATA

Builds agentic AI platforms.

Instructors speak for themselves, not for their employers.

Live classes, five days a week. *Fridays are for building.*

Every NYC course is taught live by engineers, 1.5 hours a day, and engineers review every project.



A live class by the team behind NYC

Four courses

For first and second-year college students

6 months · Software Engineering + AI

4 months · Data Analytics + GenAI

6 months · Data Science & Machine Learning

8 months · AI Engineering

Where our students *work now.*

Students taught by the team behind NYC, at Sheryians Coding School. 1,200+ are placed.

HIGHEST PACKAGE



Kushagra Patidar

SDE 1, Amazon

₹47 LPA

LinkedIn ↗



Anuj Parashar

SDE, Care Health Insurance

₹22 LPA



Rishika Jain

Cisco

₹17 LPA



Mansi Patel

Airtel

₹15 LPA

ADVANCED · 6–10 WEEKS

AI Bug Hunter: *what you'll build.*

Give it a website and a goal, like "sign up and add an item to the cart". It drives a real browser with Playwright, tries to finish the goal, and writes a bug report with the steps and screenshots whenever something fails.

Test it with real people

Build a small shop app and hide 10 bugs in it yourself. Then let the agent loose.

It must do these 4 things

1. Runs a goal from start to end in a real browser.
2. Bug reports with steps and screenshots.
3. Never reports the same bug twice.
4. A limit on steps and cost for each run.

What you'll learn

AI agents · Tool use · Playwright · Evaluation · Cost control

Where one prompt *falls short.*

Use AI for any part you like. These are the parts you will still have to understand, test and fix yourself.

> "A slow page is not a bug."

1. The agent gets stuck or goes in circles on pop-ups and slow pages.
2. False alarms: a slow page or an expected error is not a bug. You need checks before it reports.
3. You need a score: hidden bugs found against false reports.

At NYC: engineers review work like this with you in live classes, every week.

Build it in *5 steps.*

1. Build the test shop and hide 10 bugs.
2. Let the agent drive the browser for one goal.
3. Add bug reports with screenshots and remove repeats.
4. Add the step and cost limits.
5. Score it and cut the false alarms.

It is done when

- ✓ It finds at least 7 of your 10 hidden bugs.
- ✓ Fewer than 3 false reports per run.
- ✓ Every run stays inside the step and cost limits.

Go further

- Run it on every pull request.
- Compare screenshots between versions.
- Suggest a likely fix with each report.

Built it? Submit it for a mentor review

Submit at notyourcollege.com/project-ideas. An NYC mentor reviews every build; the best ones may be featured on the NYC website and YouTube channel.

This brief is by the NYC team. Tools, prices and limits change, so check each service's own docs.