BEGINNER · PHONE APP (PWA)

Know how many classes you can miss, under your *college's real rules.*

An app for your home screen that tracks attendance per subject and warns you before a risky day.

1–2	3	4
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

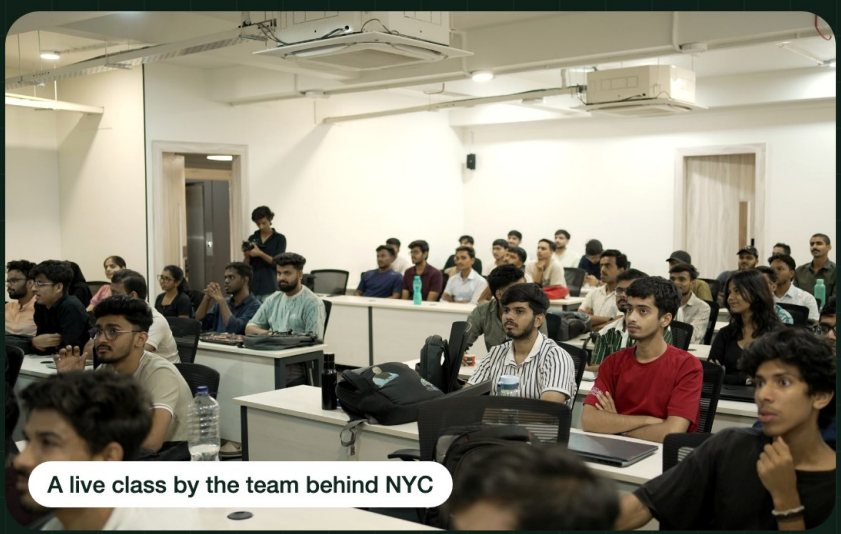
Senior Software Engineer, NTT DATA

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

BEGINNER · 1–2 WEEKS

Attendance Planner: *what you'll build.*

An app you install on your phone's home screen (a PWA). Add your subjects, your timetable and your college's attendance rules. For each subject it tells you how many classes you can still miss, or how many you must attend in a row, and it reminds you the night before a risky day.

Test it with real people

Use your real timetable for a month and check its numbers against your college portal.

It must do these 4 things

1. **Subjects with their own rules: 75%, labs counted separately, medical leave if your college allows it.**
2. **Mark a class attended or missed in one tap.**
3. **"You can miss N" or "Attend the next N" for every subject.**
4. **Works without internet and installs to the home screen.**

What you'll learn

JavaScript · PWAs · Offline storage · Notifications

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.

> "Labs that count double. Holidays. Extra classes."

1. Real rules are messy: labs that count double, holidays, extra classes. The first version gets the simple 75% case right and the rest wrong.
2. It has to work offline, so your data lives on the phone and must survive the browser clearing it.
3. Reminders while the app is closed need web push: permission, a service worker and a small server. On iPhone, push works only after Add to Home Screen.

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

Build it in *4 steps.*

1. Write the rules logic and test it with your own past attendance.
2. Build the timetable and one-tap marking.
3. Make it installable and make it work offline.
4. Add the night-before reminder.

It is done when

- ✓ Its numbers match your college portal for a month.
- ✓ It opens and works with no internet.
- ✓ A friend with a different timetable sets it up alone.

Go further

- Read the timetable from a photo.
- Share a subject's schedule with classmates.
- A graph of the whole semester.

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.