BEGINNER · TELEGRAM BOT

A bot for your class group that never lets *a deadline slip.*

Add a deadline in plain words. The bot reminds the whole group the evening before.

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

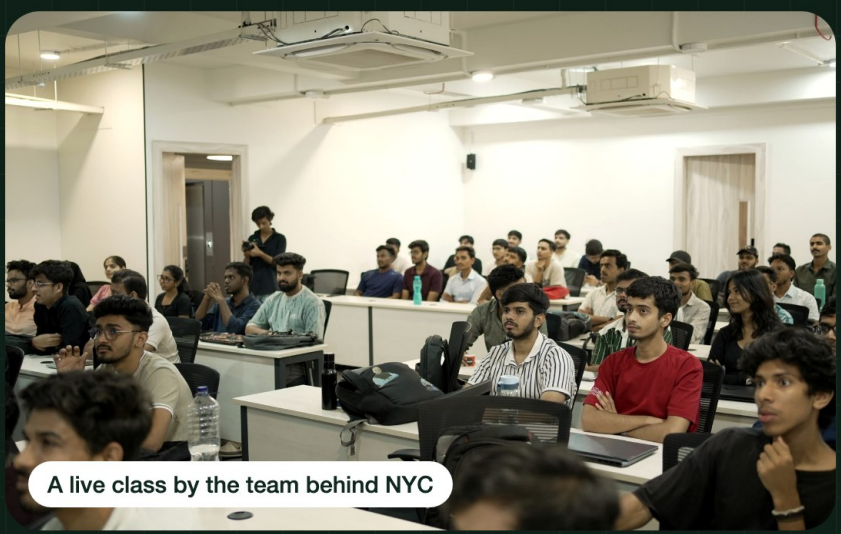
Senior Software Engineer, NTT DATA

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

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Anuj Parashar

SDE, Care Health Insurance

₹22 LPA



Rishika Jain

Cisco

₹17 LPA



Mansi Patel

Airtel

₹15 LPA

BEGINNER · 1–2 WEEKS

Class Reminder Bot: *what you'll build.*

A Telegram bot that sits in your class group. Anyone can add a deadline with a short command, like "/add DBMS file due Friday 5pm". The bot confirms it, lists what is coming up, and posts a reminder the evening before and two hours before.

Test it with real people

Add it to your real class group for two weeks.

It must do these 4 things

1. Add, list and delete deadlines with simple commands.
2. A reminder the evening before and two hours before.
3. Works in more than one group without mixing them up.
4. Only the person who added a deadline, or a group admin, can delete it.

What you'll learn

Python or Node.js · Bot APIs · Databases · Scheduling · Time zones

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.

> "Your server runs on UTC. Your class runs on IST."

1. Servers usually run on UTC and your class runs on IST. Reminders that arrive 5 hours 30 minutes late are the classic first bug.
2. Free hosting puts apps to sleep. A sleeping bot misses its reminders, so you need a schedule that survives restarts.
3. People write dates in many ways: "kal", "next Fri", "12/11". Reading them correctly, or asking back when unsure, takes several rounds.

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

Build it in *4 steps.*

1. Create the bot with BotFather and make it reply to one command.
2. Save deadlines in a database, separately for each group.
3. Add the reminder schedule and test it across a server restart.
4. Handle messy dates and confirm with the user before saving.

It is done when

- ✓ Two weeks in a real group with no missed or repeated reminders.
- ✓ Deadlines from one group never show up in another.
- ✓ Restarting the server loses nothing.

Go further

- A summary of the week every Sunday evening.
- Export deadlines to Google Calendar.
- Understand Hinglish date phrases like "parso shaam".

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.