ADVANCED · AI VOICE APP

Ask your college questions out loud in Hinglish, and get answers *with the source.*

Speech in, speech out, answers only from your college's real documents.

6–10	4	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

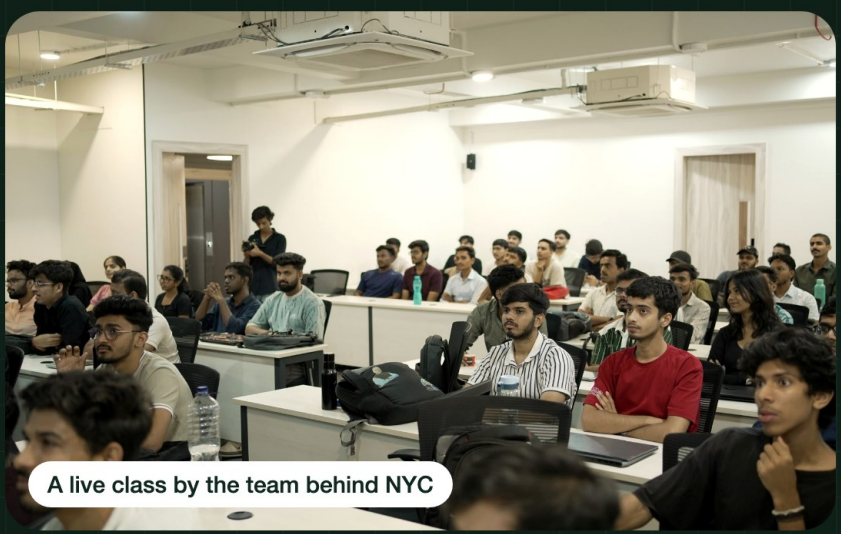
Senior Software Engineer, NTT DATA

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

ADVANCED · 6–10 WEEKS

Hinglish Voice Helpdesk: *what you'll build.*

A voice assistant for your college. Students ask in Hinglish, like "exam form ki last date kya hai?". It turns speech into text, finds the answer in your college's real documents (notices, rule book, timetable), answers out loud and shows the document it used. If the documents don't cover it, it says so.

Test it with real people

Collect 60 real questions from students, with the right answers from the documents.

It must do these 4 things

1. **Speech in and speech out, in Hinglish.**
2. **Answers only from the documents, with the source shown.**
3. **"I don't know" when the documents don't cover the question.**
4. **Half of all replies start within 3 seconds.**

What you'll learn

Speech models · Retrieval (RAG) · Embeddings · Evaluation · Latency

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.

> "It will make up dates unless you stop it."

1. Speech-to-text can get Hinglish wrong. You have to test models and fix the common mistakes.
2. Finding the right paragraph in 200 pages of PDFs is hard, and the wrong paragraph gives a wrong answer.
3. The model will make up dates unless you make it answer from the sources and check that it did.
4. Every part adds delay: speech-to-text, search, the model and text-to-speech.

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

Build it in *4 steps.*

1. Collect the documents and the 60-question test set.
2. Search over the documents, measured on the test set.
3. Answers with sources and "I don't know".
4. Speech in and out, then cut the delay.

It is done when

- ✓ At least 50 of the 60 test questions answered correctly, with the right source.
- ✓ Questions outside the documents get "I don't know".
- ✓ Half of all replies start in under 3 seconds.

Go further

- Voice notes on WhatsApp.
- Hindi in Devanagari script.
- An admin page to add new notices.

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.