

# SOHAM — GURUKUL LEARNING FLOW & VOICE UI

Role: Gurukul Frontend Integrator

Mission: Make Gurukul feel like a talking teacher, not a website.

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## READ THIS FIRST

No more silent text learning.

Everything a student sees must be:

- spoken
- calm
- adaptive

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## WHAT YOU MUST DO (4 Days)

### DAY 1 — Learning Mode Switch

Add in frontend:

mode = "learning" | "admin" | "ems"

Pass to backend with every request.

Deliver:

- visible mode indicator
- backend receives it

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### DAY 2 — Vaani Playback

Implement:

- Play voice for:
  - lesson generation
  - edumentor replies
  - chat answers

Deliver:

- Audio auto-plays
- Replay button

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## DAY 3 — Voice UX

Add:

- pause
- replay
- slow / normal speech
- subtitle sync

Deliver:

- no broken audio
- no overlapping voices

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## DAY 4 — Demo Guardrails

Lock:

- Only working screens
- Block Student / Parent EMS logins
- Hide broken routes

Deliver:

- demo\_mode = true flag
- clean navigation

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## INTEGRATION

- Yashika — provides Gurukul LM + Vaani
- Rukayya — adaptive UX
- Akash — hosting + stability