

Get started · Learning paths

Path: iOS engineer

🕒 2 min read · Updated 25 September 2026

For work on Gurbani Soul: from the one rule through the contract and parity, the database pair and launch integrity, Nitnem, and how the app takes a release.

<https://docs.gurbanisoul.com/learning-paths/ios-engineer/>

You will change the app in Algorythmos-AI/gurbani-soul-ios. A day and a half, in this order.

Interactive on the web: a checklist that remembers what you have done.

- ☐ Read the reverence checklist and what Sri Guru Granth Sahib Ji is.
- ☐ How the three repositories fit and three repositories and pins.
- ☐ The iOS app, then how the app takes a release.
- ☐ Contract and parity — read the Swift fold beside the Roman fold.
- ☐ Database pair and launch integrity — walk poster 12.
- ☐ Anatomy of a line record — the columns your queries read.
- ☐ Nitnem for engineers, then the pinned Nitnem spec and ADR-0006.
- ☐ The pinned TestFlight launch plan and the App Store submission runbook.
- ☐ Exercise 01 — trace a search against the API, then find the same tier in `SearchEngine.swift`.
- ☐ The verification engine — the thresholds your port shares.
- ☐ Brand and domains: what the app is called and what it is never called.
- ☐ Exercise 04 — write an ADR in the app repository's format for a change you would propose.
- ☐ The app repository's contributing guide — then a pull request there.

When you are done you can explain why the app refuses to open a database that does not hash to its manifest, why `MARKETING_VERSION` is never chosen by hand, and why a Nitnem line from Sri Dasam Granth can never be bookmarked.

Sri Guru Granth Sahib Ji — Knowledge Base wiki. Generated from commit c3d9360. Updated 25 September 2026. This copy may be out of date; the page is at <https://docs.gurbanisoul.com/learning-paths/ios-engineer/>