

ARYAN GUPTA

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PROFESSIONAL SUMMARY

Third-year B.E. Computer Engineering student shipping production reliability work on Omi (Based Hardware) ? a live AI wearable. 41+ merged PRs across Flutter/mobile, BLE reconnect, offline sync, notifications, backend policy, and CI. Regression-first: reproduce in a test, surgical fix, honest device gaps.

EDUCATION

Thapar Institute of Engineering & Technology ? B.E. Computer Engineering (Expected May 2028)

EXPERIENCE

Open-Source Contributor ? Omi (Based Hardware) | 2026 ? Present

? 41+ merged PRs in a shipping consumer AI wearable: Flutter/mobile, BLE, offline sync, FCM, desktop polish, backend metering, CI.

? Conversation integrity: recovered orphaned in-progress sessions; soft-delete/merge rules so deleted data cannot re-enter live workflows.

? BLE & listen reliability: reconnect auto-retry, stall watchdog, Android GATT teardown on disconnect, phone-mic resume after audio interruption.

? Offline sync: leave/background abort soft-retry; clock-drift timestamp clamp; duplicate transcript suppression.

? Cost & product truth: fair-use expiry handling; gate paid LLM post-processing for custom-STT / BYOK.

? Product taste: macOS Settings IA redesign + Tasks/Conversations polish (tech-lead assigned evaluation).

Founder / Builder ? Campus Operations Platform (Thapar) | 2nd Year

? Timetable, GPA calculator, notes/PQs, 3D map, opportunities board ? 1,000+ daily active users.

? Parsed 200+ subgroup Excel timetable into pick-subgroup schedule flow.

SELECTED PRS

? #10060 orphan conversations • #11128/#11096 BLE retry + stall • #11094/#11166 offline sync

? #11144 FCM navigation • #11075 macOS polish • All: github.com/BasedHardware/omi (author:aryanorastar)

SKILLS

Flutter • Dart • Python • Swift • BLE / mobile reliability • Offline sync • REST • FCM • GitHub Actions
• Regression testing

PROOF PACK

<https://gist.github.com/aryanorastar/d8ff5b161c961e60e7bfb9a497a591aa>