

Neon Beats — Production Flutter Music App

APK Download

👉 Download Android APK from here:

APK Link:

[https://drive.google.com/drive/folders/1dcRxGSL1cCwv1_3djSEAPXMKJBppAiuj?usp=sharing]

Project Overview

Neon Beats ek premium dark-theme music explorer app hai jo Flutter + BLoC architecture par bana hai.

App 50,000+ songs ko smoothly handle karta hai bina UI lag aur memory issues ke.

Key Technologies

- Flutter
- BLoC Architecture
- REST API Integration
- Lazy Loading + Pagination
- Isolate JSON parsing
- Audio Player Service

Core Features

- Browse 50,000+ songs
- Infinite scroll pagination
- A-Z grouping with sticky headers
- Debounced search (no UI freeze)
- Track details + lyrics
- Mini player + full player

- Dark / Light theme
 - Offline detection
 - Guest mode support
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Demo Video

👉 Watch full working demo (scrolling + search + playback + memory proof):

Demo Video Link:

[\[https://youtube.com/shorts/YbkDiZbW5TY?si=7s0IZC-FdYiR1Zr6\]](https://youtube.com/shorts/YbkDiZbW5TY?si=7s0IZC-FdYiR1Zr6)

Performance Note

App ko Flutter DevTools se test kiya gaya hai.

Continuous scrolling par memory stable rahi (no linear growth).

UI smooth 60fps maintain karta hai even with large dataset.

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