

CONTACT

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Portfolio: <https://cristianvillalobos.com>

EDUCATION

Bachelor's Degree in Systems and
Computer Engineering
Universidad tecnológica de Bolívar
Expected graduation: 2027

TECHNICAL SKILLS

Languages

Kotlin
Dart

Frameworks & Tools

Jetpack Compose
Flutter
Android SDK
Git
GitHub Actions

Concepts & Architecture

MVVM
Asynchronous programming
(Coroutines)
Reactive state management
Android lifecycle management
Background services

CRISTIAN VILLALOBOS

Software developer

Professional Summary

Software developer nearing graduation in Systems and Computer Engineering, focused on Android and Flutter development. Experience building mobile applications with modular architecture, reactive state management, and multimedia processing. Particularly interested in scalable system design, performance optimization, and clean architecture practices.

Projects

Local Player — Android Music Player

Kotlin · Jetpack Compose · MVVM ·
Coroutines · MediaPlayer

- Developed a local music player with support for synchronized lyrics (LRC and TTML with word-level timing).
- Implemented background playback with Audio Focus handling and MediaSession integration.
- Designed a custom lyrics parsing engine with fallback for malformed files.
- Applied MVVM architecture with reactive state management.
- Built dynamic queue management with real-time reordering.

Repository: <https://github.com/cvc953/localplayer>

Avas-eto — Task Management App

Flutter · Dart

- Built a task management application with full CRUD functionality.
- Designed modular structure for maintainability and scalability.
- Implemented navigation and state management across multiple screens.
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Repository: <https://github.com/cvc953/avas-eto>