

LEONARDO MURÇA

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SUMMARY

Senior Android Developer with 7+ years in software engineering, including 5+ years building scalable, user-centric Android applications across healthcare and entertainment sectors. Specialized in modern Android development (Jetpack Compose, ExoPlayer, Bluetooth, UI testing) and architecture patterns (MVVM, MVI, Clean Architecture). Passionate mentor, effective communicator, and advocate of continuous improvement, with a strong focus on quality and team enablement.

EXPERIENCE

Android Developer

Disney via ArcTouch

May 2022 - current

Florianopolis, Brazil

- Contributed to the development of a high-traffic Android app with over 5 million downloads in the U.S., delivering high-impact features that elevated engagement and user satisfaction.
- Led part of the migration of automated UI tests from Espresso to UIAutomator, achieving 100% coverage and establishing a more reliable and maintainable testing framework.
- Boosted overall test coverage by 70%, substantially improving app stability, reducing production bugs, and increasing confidence in release quality.
- Delivered key user-facing features such as onboarding tooltips, deep linking, and a sticky video player, directly enhancing user engagement and retention metrics.
- Modernized UI development by driving the migration from traditional XML layouts to Jetpack Compose, improving development velocity and maintainability.
- Took ownership of last-minute, high-priority bug fixes, ensuring smooth and on-time releases even under tight deadlines and production pressure.
- Mentored a Junior Android Developer and fostered a culture of technical excellence and collaboration through knowledge sharing and pair programming.
- Authored internal blog posts and led research initiatives on Jetpack Compose, ExoPlayer, and Coroutines, influencing key architectural and strategic decisions within the team.

Android Developer

CI&T @ Confidential Health Care Company Client

Feb 2020 - May 2022

Belo Horizonte, Brazil

- Identified and fixed bottlenecks in the pipeline caused by Espresso Flaky Tests.
- Designed technical features through ownership of technical refinements.
- Crafted innovative solutions for user stories, contributing to the seamless execution of projects.
- Established and documented key components of the application's technical specifications, ensuring clarity and precision in project development.
- Engineered a high-impact framework from inception, streamlining communication between the application and OS Bluetooth layers. Leveraged Java programming to seamlessly integrate with the Bluetooth Layer, ensuring efficient connectivity and robust functionality.
- Assumed responsibility for leading agile ritual sessions such as PDCA, facilitating the identification of development process gaps and driving continuous improvement initiatives.
- Served as a mentor in an Android Bootcamp program, imparting expertise in Espresso Tests and SOLID principles to train newcomers, fostering skill development and knowledge sharing within the team.
- Designed and implemented comprehensive test cases throughout the quality assurance (QA) phase, ensuring thorough testing and validation of Android applications.

Web Front-End Developer

Queima Diaria

Aug 2018 - Dec 2019

Belo Horizonte, Brazil

- Began my engineering career contributing to a streaming fitness platform popular in Brazil, serving a large and active user base with live and on-demand workout experiences.
- Developed the MVP TV Streaming App for LG and Samsung Smart TVs, expanding the product's reach to the living room experience and strengthening user engagement across platforms.
- Integrated the Vimeo Player to enable a livestream feature used by over 200,000 active users, significantly enhancing the product's interactive capabilities and reliability under high traffic.
- Collaborated closely with senior mentors and cross-functional teams, gaining deep hands-on experience in web development and scalable media streaming solutions.

SKILLS

Languages: English (Fluent), Portuguese (Native), Spanish (Intermediate)

Languages & Tools: Kotlin, Java, Jetpack Compose, MVVM, MVI, Clean Architecture, Retrofit, Room, SQLite, ExoPlayer, Coroutines, JUnit, Espresso, UIAutomator, Dagger 2, Hilt, Koin, Jenkins, GitLab, Android Studio, XML, JSON, REST APIs, Kotlin Multiplatform and Android Profiler.

Soft Skills: Strong problem-solving abilities, effective communication skills for collaborating, with cross-functional teams, adaptability to rapidly changing environments and technologies, attention to detail in code review and debugging, time management and prioritization to meet project deadlines, openness to receiving and providing constructive feedback, eagerness to learn and stay updated with the latest trends and technologies in Android development.

EDUCATION

Bachelor of Information Systems, IFMG University

2018 - 2024

Computer Technician, IFMG University

2015 - 2017