



Engr. Luis Miguel Avila Bermúdez

Software developer



<https://mixdor.github.io/portfolio/>



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Bogotá, Colombia

Professional Profile

I am a Systems Engineer with training and experience in developing innovative technological solutions, particularly in the field of mobile development. Throughout my career, I have gained a solid understanding of Android tools and frameworks, enabling me to create efficient and high-performance mobile applications. I consider myself an integral, responsible person with a team-oriented mindset, always aiming to achieve common goals. Additionally, I am passionate about continuously expanding my knowledge in a self-taught manner, allowing me to stay up to date with the latest technological trends.

Education

2011 - 2017 • ACADEMIC HIGH SCHOOL

IED Alonso de Olalla

2015 - 2017 • SYSTEMS TECHNICIAN

Servicio Nacional de aprendizaje - SENA

2018 - 2024 • SYSTEMS ENGINEERING

Corporación Universitaria Republicana

Skills

Android Studio • Kotlin • XML • Java • MVVM • Dagger Hilt • Compose • Python • HTML
QT6 • CSS • Java Script • Git • Astro • Scrum

Work Experience

2022 - Current • Android Developer - SilentBit Studios

I developed and published several applications on the Google Play Store under the name SilentBit Studios, using Kotlin as the main programming language. I worked independently on the design, development, and ongoing maintenance of the applications, demonstrating strong self-management skills and the ability to meet deadlines.

- **Terminal Unlock**

An application designed to unlock terminals in the Fallout game, providing players with a more satisfying experience. The app has accumulated over 10,000 downloads since its launch.

- **SkinViewer for CS2**

An app to view different Counter-Strike skins, monitor their prices, and track the market status. It has over 100 downloads.

- **DevKnow**

A reference software and guides for developers, providing documentation and useful resources for those working in the software development field. Currently, it has over 50 downloads on the Play Store.

2024 • SenseHub Mobile

I developed an Android application dedicated to facilitating the deployment and management of customized IoT devices, which was part of my thesis project for my Systems Engineering degree.

2023 • CircuiTikZ Generator

An open-source desktop software created to simplify the design and creation of electronic diagrams in LaTeX, developed in Python and Qt. Available for Windows and Linux. Currently in Beta version and has over 1,000 downloads on SourceForge.