

# Vithorio Polten - Android Developer

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## Profile

Full-Stack Developer with focus in Android Development since 2013, Kotlin advocate. Known for the Tech Lead-ish behaviour in the teams surrounding me as one of the long-term benefits of my professional legacy.

## Experience

### LEAD MOBILE DEVELOPER, AUSPEX – 02/2018 - 04/2019

Leading technically 5 mobile developers towards the Minimum-Viable-Product for a Personal Finances Management app, our goal is to help people spend money consciously. This project is a partnership between Auspex and a big Brazilian old-school bank, our goal, with them, is to bring innovation and know-how to their own field.

As the Lead Mobile Developer my duties include Architecting, Programming, doing Code Review, both for Android and iOS. Also meetings, requirements analysis with the bank are frequent. Right now I am leading the whole integration, from Mobile SDKs to the many backends. Learning a lot about coaching, people development and inspiration with the team.

I often give the back-end team a helping hand in our Rest applications with Spring Framework and Django, I am also the maintainer of our Docker images and Docker-based deployments.

Our Mobile projects are in MVVM with Rx, Java 8 and Swift 4, we have CI pipelines integrated with our Pull Requests.

### ANDROID DEVELOPER, PLUGAPPS – 06/2017 - 12/2017

Developer in a native Android chat app, mostly inspired by WhatsApp/Telegram, also with video calling but with enterprise-level features. Architecture was MVVM inspired, made in Kotlin. Created a CI pipeline capable of deploying flavours of the app to each environment (dev, qa, alpha) based on Git Tag versioning, meaning we had a single source of truth to our versioning and deployments. Responsible for 3 Junior Developers.

### MOBILE DEVELOPER, HERO99 – 08/2016 - 05/2017

Developed in many projects in a Sprint of many projects ongoing, mostly Android and iOS but had coded in Python, JS and PHP as well, basic experience with Docker and Micro-services. Main project I was in charge was an eBook reader for Android for a Medical group. Had some minor unofficial leading roles.

### MOBILE DEVELOPER, GUIZION – 01/2016 - 08/2016

Built the MVP version of a realtime delivery app, mostly the consumer version, Uber-style, first real project in *Kotlin*, made a commons framework ([github.com/Hazer/YAFramework](https://github.com/Hazer/YAFramework)). Maintenance development in a Chat app and Consignment app, both Android. Co-creator of ([github.com/lucasmpaim/EasyRest](https://github.com/lucasmpaim/EasyRest)) iOS lib initial version.

#### **ANDROID INTERNSHIP, AGIVIS SISTEMAS – 02/2015 - 03/2015**

Cab Taking Android app maintenance, and proposed an MVP + Repository architecture for the new Dental Office app project as an alternative to the actual Dobjanschi's pattern proposed, got it approved and implemented a Proof-of-Concept. Left the team when approved to BEPiD program.

#### **ANDROID INTERNSHIP, DEVMAKER – 08/2013 - 06/2014**

First professional encounter with Android, maintenance in a Streaming Radio app, with redesign and new features, developed ground up a Home & Apartment Rent app, a Car Rent app and a Dating app. Rest, SOAP and WebSockets. The Dating app was my first RxJava project.

## **Education**

BEPiD - Brazil Education Program for iOS Development, PUCPR – 2015-2016 / 2016-2017

Now known as ADA (Apple Development Academy) is a partnership between Apple and Universities for iOS Development training.

I made 2 editions, as a beginner and as a veteran. My main projects were targeted at the University itself, one for Indoor location with Alumni classes and events inside the Campus, another was an in-house talent discovery platform, kind of a LinkedIn for Students with some coaching. Both projects I also had wrote a Python backend in Django.

Bachelor in Information Systems, PUCPR – mid/2012 - 2016 (**Locked in last year**)

From HTML to basic Lambda Calculus, had Java, Python, C#, C++, PHP, JS, did several backend applications, with several frameworks, mostly MVC. Data Structures, Operational Systems, Analysis, Management and so on.

## **Additional Skills**

Analyse internal development processes and workflows, try to find ways to make it more efficient and safe, be it, putting a CI to work, creating a pattern for code versioning, creating libraries, scripting solutions to automate work, trying to refine internal communication and so on. I do really enjoy making the team work well and together.

I can learn new languages, frameworks and tools and adapt to its styles pretty fast, and refactor or rewrite solutions from a language/framework to another respecting the new domain rules and style guides.

I enjoy collaboration and I like to understand and find the best from each developer and let them know it.

## 2018-2019 Objectives (so far)

Work with with larger focus in Android in a high quality environment.

Get better at writing tests and try covering a project with Behaviour-Driven-Development.

Start a MVVM Kotlin Multi-Platform (Android/iOS/macOS) framework, with good coverage, for a truly multi-platform experience with only one language, but with each platform native solution.

Do something useful in TensorFlow (Lite), maybe some ARCore and use Google Assistant SDK

Try to at least double my Open-Source contributions.

Present some talks, maybe do some workshops, achieve a better speech.

Write a few [medium.com](https://medium.com) posts about things I did or subjects I am interested, maybe about Kotlin/Native, maybe some RecyclerView ItemDecoration trick, but I want it to have real and useful code implementation.