



# Petru SABADAC

REMOTE ANDROID CONSULTANT/BLOCKCHAIN DEVELOPER

## Profile

Remote Android Consultant with interest in Blockchain and Cyber Security.

## Employment History

### Android Engineer, McLaren, Iași

JANUARY 2023 – MARCH 2023

Starting working with AAOS on the Settings app.

### Android Engineer, BMW, München, Germany

MAY 2022 – JANUARY 2023

- Worked on the Voice Assistant app.
- Tested & Develop on the Test Rack & Emulator.
- Did weekly releases.
- Prepared and hold grooming sessions.

### Android Engineer, OneView Healthcare, Iași, România

JANUARY 2022 – MAY 2022

Android Development for custom medical hardware devices from different hardware manufacturers like Wetek, Samsung, Elo:

- Interact with client hardware and manufacturer's SDKs.
- Develop features/fix bugs/create unit tests for healthcare applications.
- Azure Devops for git version control.
- Koin/Dagger2 for dependency injection.
- Coroutines for asynchronous programming.
- Kotlin flows for reactive programming
- Retrofit for network operations

### Android Developer, Bitdefender, Iași, România

MARCH 2018 – OCTOBER 2021

Worked on an app used to control security for all protected devices.

- Started by doing massive refactoring (from Java to Kotlin) on a module used to manage configuration and firmware updates of IoT Security Solutions
- Used Kotlin with Coroutines and Android Architecture Components like ViewModel, LiveData and Data Binding
- Implemented multiple complex animations and layouts
- Built from scratch a network scanner used to detect nearby devices

#### Bitdefender Central

Single-handedly build a VPN app and a design SDK.

- Used Android Navigation Library with Kotlin and Shared View Model
- Implemented multiple complex animations using Lottie
- Integrated Google Billing and in-app purchases

## Details

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Romania

+40 755 326 908

[petru.sabadac@outlook.com](mailto:petru.sabadac@outlook.com)

NATIONALITY

Romanian

DRIVING LICENSE

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## Links

[This CV](#)

[GitHub](#)

[LinkedIn](#)

[Medium](#)

## Skills

Kotlin

Java

Jetpack

Android SDK

Git

Android Studio

MVVM

REST

JSON

XML

OOP

Mac OS

Windows OS

Linux OS

Android OS

AAOS

## [Bitdefender VPN](#)

### Software Designer, CRF Health, Iași, România

DECEMBER 2017 – MARCH 2018

Working on an Android application used in medical trials.

- Project ramp-up in Helsinki, Finland for one month
- Helping with project migration from Eclipse and Maven to Android Studio and Gradle
- Using Version One, Gerrit and CVS
- Started working with Bluetooth devices

## [TrialMax App](#)

### Android Developer, Feel IT Services, Iași, România

SEPTEMBER 2017 – DECEMBER 2017

Worked on a transportation app that is used in France by people to commute on a daily basis.

- Project ramp-up in Sophia Antipolis, France for one week
- Mainly did bug fixes and small updates

Also worked on another app that is used in house to manage floor planning.

- Added new features and fixed a couple of bugs

## [Vianavigo](#)

### Android Developer, Pentalog, Iași, România

JULY 2016 – SEPTEMBER 2017

Worked on a IoT medical Android application used to track your health by connecting and using multiple Bluetooth devices.

- Learned software version control using Git by removing duplicated legacy library code and adding only the latest version as a sub module

## [BewellConnect](#)

### Junior Android Developer, Eurocall Innovation, Bacău, România

JUNE 2015 – JULY 2016

Worked on some business apps and one presentation app.

- Published the first app the the Play Store
- Learned to integrate frameworks, libraries and modules
- Added support multiple devices, screens, orientations and languages

### iOS Developer, Omnisource Technologies, Brașov, România

JUNE 2013 – OCTOBER 2013

Contributed to a medical iPad application for Traditional Chinese Medicine.

- Developed the HTTP API client using HTTP asynchronous requests with blocks and integrated HTTP requests with cached data functionality
- Redesigned the application using storyboards and split view controllers
- For subversioning I used svn and for task management I used Anuko Time Tracker and YouTRACK

## [Unified Practice](#)

### iOS Developer Trainee, Softvision, Iași, România

AOSP

## Languages

English

French

Romanian

## Hobbies

Driving

Traveling

MARCH 2012 – MARCH 2013

Completed Mac OS X, iPhone & iPad Pre-employment training and started working on a medical and coupons and discounts app.

- Contributed as an iOS Developer
- Learned and used agile and scrum methodologies

#### eVigilis Pro

Worked as a Manual QA Engineer.

- Helped with test plans and test cases
- Tested for both iOS and Android

#### Groupon

## Education

**Baccalaureate, Cuza Voda Theoretical High School, Huși, România**

SEPTEMBER 2005 – JUNE 2009

- Studied Math and Computer Science

**Undergraduate, Alexandru Ioan Cuza University, Iași, România**

OCTOBER 2010 – MARCH 2012

Started Faculty of Computer Science

- Finished only the first year and the first semester from the second year