Adam Świderski

Android Developer

- 9.10.1989
- Poznań, Poland
- +48 505304977
- http://aswiderski.pl
- http://github.com/asvid
- adam.swiderski89@gmail.com

About me

I'm a clean code fan with constant knowledge hunger. I've started as a frontend programmer, but I've switched to Android as soon as it was possible. I still like to use JavaScript in some projects. I like to use new technology and approaches in projects, but I'm far from hype-driven development.

I'm mostly focusing on mobile apps, but I'd really want to jump into game development and machine learning.

Skills

Tech
Java, Kotlin, Android SDK, Spock, Groovy, JavaScript, NodeJS, ExpressJS, AngularJS, Python

Tools
Android Studio, IntelliJ, Firebase, Git, Jira, SonarQube, Gulp, Grunt, Adobe Photoshop

Practises
Unit testing, design patterns, Scrum, Prince2

Education

2014-2016	Computer Science Msc	Poznań University of Technology
	Software Development Technologies - master thesis "Home inventory management system"	
2010-2013	Computer Science undergraduate studies	WSNHiD
	Internet Technologies	

Courses

2017	Google Developer Challenge Scholarship	Udacity
	Android Developer	
2014	PRINCE 2 Foundation	Altkom
	AXELOS Global Best Practice, Licence number 02807643-01-EZYL	
2013	Graphic Design	WSNHiD
	Adobe Photoshop, InDesign, Illustrator	

Experience

2015	Fibaro (Fibar Group)	Android Developer
	Manufacturer of wireless home intelligence system, available in over 100 countries and in some being synonymous of home intelligence.	
2013-2015	Lobo Group	Frontend / Android Developer
	Interactive agency focused around e-learning platforms.	
2013-2016	Hedgehog IT	Any sort of ninja
	As freelancer I've made a lot of websites, webshops, graphic designs etc.	

Projects

Fibaro Android App

Smartphone and tablet app to control intelligent home system. Communication based on Volley and GCM. It's an old app, refactored over time, by using MVP pattern and unit tests in in Spock / Groovy. For videocalls we used Linphone Library. We also provided widgets and Android Watch App. Recently, I managed to establish and introduce a strict codestyle and static code analysis with SonarQube. App releases are automated with Fastlane.

AirRide

Never finished pneumatic car suspension controller. Android app is connected via Bluetooth with Arduino module controlling the valves. App allowed controlling suspension manually with pressing buttons, using accelerometer, and creating sequences stored in Realm. Communication was wrapped in Command Pattern which made changing the approach a lot easier.

Frigo

For my graduation project I used Kotlin as weapon of choice for Android app. It uses Realm for storage and Retrofit for communication. App uses GCM for instant data synchronisation and request caching if internet is not available. Backend of app is made in ExpressJS working on Heroku with MongoDB database. During development, I started an open source library for Android notifications called - Notti.

Notti

Simple library that makes Android notifications easer. Allows you to set configuration for all notifications and prohibits displaying invalid one. Library was created as a revenge for spending 2h on searching bug, that appeared to be wrong usage of Builder pattern.

FirebaseLogin

Library that wraps Firebase authorization methods into nicer API with RxJava2.

Counter

Playground app that contains resizable widgets, charts made in MPAndroidChart, Relam database and Shared Element Transition.

GdzieTaBiedra

App made for recruiting purpose. It shows shops on map with their opening time info and can turn navigation to selected one. App can also send you notification if you are in area of shop, range can be changed in settings. Realm was used for storage and Retrofit for getting data from server.

Dinegra

It's a car assistant Android app. User can register fuel usage, call help, see POI on Google Map. App tracks drivers routes, that can be used in challenges or events (like Endomondo). OpenGL is used to create animated bot, that can talk with you. App also can be controlled by voice commands. App can also be a silent thief alarm – when armed, it will send you emails where the car is if it moves from parking place without disarming. We also made Websocket voice operated chat for drivers nearby, like CB radio.

Interests

- Good (or really bad) movies
- Music, playing on guitar
- Making world a better place - one line of code at the time