

# Artur Badretdinov



September 7, 1992

City: Russia, Moscow

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I am a passionate developer interested in creating not only a working application but in making it easy to use and easy to modify and extend. I avoid «Stack Overflow driven development» and always ask «Why?» before making a decision. I work on an open source project, organize Google Developers Group Russia events and manage a Telegram chat about Android architecture.

## APPLY FOR POSITION

Software Engineer, Senior Android developer

## WORK EXPERIENCE

April 2020 **Squire Technologies**

to now      Android Community Lead

Stack: Kotlin, Android SDK, Ribs, MVI, RxJava2, Retrofit, Toothpic, Junit, Motion Layout

- Implemented an MVP of a b2c Barbershop Booking app with 20+ screens within 3 months
- Configured the app for a proper whitelabelling customisation for 7 different shops
- Implemented a complex multi-step Maps transition using Motion Layout

Sept 2017 **Vyng**

Apr 2020 Senior Android Developer → Tech Lead Manager

Stack: Android SDK, RxJava2, Retrofit, Dagger 2, Conductor, ObjextBox, JUnit, Espresso

- Implemented the core feature of the app (starting from the architecture and up to UI), allowing to reliably handle Android calls
- Created an MVP version of a Messenger app
- Found app's performance issues using tools as Systrace, Hierarchy Viewer
- Improved crash reporting processes regarding handling of non-fatal issues that lead to hard to catch bugs. Developed a debug panel for QA engineers
- Presented Vyng on a couple of conferences, such as Droidcon London

Aug 2016 **Ak Bars Digital Technologies**

Sept 2017 Android developer → Senior mobile developer

Stack: Android SDK, RxJava2, Retrofit, Dagger 2, SignalR, JUnit, Espresso

Achievements:

- Decreased size of application for 5 times (from 76 Mb to 14 Mb) using Gradle features
- Obfuscated and minimized project using Proguard
- Introduced bug reporting tool, Crashlytics, flavors for development and production, including tools as Instabug, Stetho, Timber.
- Fixed some security issues, eg turned off logging in production builds
- Improved development process in the company: introduced code review, unit testing, CI and static analysis, Clean architecture with MVP.
- Developed real-time chats module, new authorization module with testable navigation, several custom views that are used inside team. More than 20 new screens using Material guidelines.

Jan 2016 **Mobile application for Dnevnik.ru, Industrial project on MSIT program.**

Aug 2016 Android developer, Project manager

Stack: Android SDK, Dagger 2, Retrofit, RxJava, Picasso, AppCompat

- Minimal valuable product was successfully delivered to client.
- Created a synchronization mechanism based on Retrofit, RxJava and SyncAdapter
- Created project planning artifacts that improved communication with customer.

Mar 2013 **CMA Small Systems AB**

Jul 2015 Developer in support department

Stack: Java Core, JEE, Swing, git

- Servers monitoring system developed
- Moved Trading system from custom networking libraries to standard Java connection classes.

Sep 2012	<b>Unium</b> , education for school kids
Jul 2015	Computer courses teacher on weekends
	Stack: C#, WPF, Blender 3D
	• Developed and introduced a «Programming. Level 3» course.
	• Got a «Teacher of a year» title in 2014, students won Moscow programming competition
	• All 6 semesters achieved the highest KPI level

## EDUCATION

Aug 2015	<b>Master of Science in IT - Software Engineering. Carnegie-Mellon University</b> ,
Aug 2016	program at Innopolis. GPA 3,89 / 4,33
	Core courses: Requirements engineering, Quality Assurance, Management, Software Architecture, Software Models.
	Electives: UX, Project estimation, Dynamis Software Testing, Lean Software Development, Cloud Computing, Data oriented approach.
Sept 2010	<b>Specialist (equivalent for Master), Applied Mathematics and Informatics</b>
Jun 2015	«MEPhI» (Moscow Engineering Physics Institute) University
	Core courses: Discrete mathematics, Computational mathematics, Calculus, Multithreading systems, Probability theory, Game theory, Graph theory.

## ADDITIONAL COURSES

Communities	Active member of Google Developers Group Kazan Administrator of Russian Android Architecture chat in Telegram, 1050 members
Projects	«GitFox» - Android, <i>Open Source client for Gitlab</i> . Kotlin, Clean Architecture. «Dnevnik» - Android, school timetable, homework, chat between parents and teachers. Many animations according to Material Guidelines. «Master Kit» - Android, goal setting and development. About 20 screens, audio/video players, working with Vimeo Api. «SuperEgo Qr» - Android, checking QR codes on tickets to company's events.
Courses	Teradata: Teradata Database, Teradata SQL, Advanced SQL, Physical DB Design
Online courses	Coursera.org: Machine Learning (Stanford University) Coursera.org: Programming on Python (University of Michigan) Coursera.org: The Beginning Game Programming with C#

## SKILLS

Languages	Russian                    Fluent English                    Advanced
Knowledge of	Strong in: Java, Android SDK, common Android libs (support, retrofit, etc) Small projects: Python, SQL, HTML, CSS Team tools: Git, Atlassian stack, TeamCity, YouTrack Software processes knowledge: SCRUM, XP, Crystal Clear, Kanban technique Software Engineering skills: requirements elicitation, planning, scope and time estimations, quality assurance. Architectural and design patterns, UX basics.
Soft skills	Public speaking. Made presentations on local meet ups and conferences, some of them: <a href="#">Ui profiling in examples</a> at Droidcon London 2018 <a href="#">Clean architecture in mobile development</a> at Stachka (in Russian) Myths and legends of remote work at AppsConf Moscow Common MVP problems and our solutions at Java Days Kazan Testable code in mobile environment at ABDT Droid Easy in communication, very balanced. I am able to work with people who are almost impossible to work with, probably, due to rich experience working with children.

## PASSIONS

To create an open-source solution (a library) that will be used by thousands of developers around the world.  
To continually improve myself and help others in their improvement.  
To make users happy :)