Software Engineer

Dmitriev Alexey

Mobile and Web Application Developer

Date and birth: 17.08.1987

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Summary:
I'm a Mobile and Web Application developer. My experience is 14 years of creating web-based applications and applications for mobile devices.

Deep knowledge in the most of common technology:
• Android (1.6 - 12 SDK, NDK 11r - JNI) Android Tv, Android Wear
• iOS (8-9)
• Web Service (J2EE and Node.Js)
        J2EE - Struts, Facelets , Spring, Hibernate.
        Node.Js - Express and others frameworks.
        JavaScript - jQuery and others frameworks.
• Experience in work with cloud platforms: Google App Engine, Parse, Heroku, DigitalOcean.
• Experience in work with databases: SQLite, MS SQL, Oracle, MySQL, NeDB, GreenDao, ObjectBox, Realm, Room.
• Experience in work with analytics: Google Analytics, Fabric, other.
• Experience in work with Social API: FB, Instagram, Vk, Twitter and other.
• Experience in work with game-frameworks AndEngine and LibGDX.

• Experience in design and development of large-scale distributed systems, as well as experience in management of a small team (up to 5 people).

• Manager tools: Atlassian Jira, Trello, Redmine.
• Methodologies: Agile, SCRUM.

Please visit my page. You will get more information and details.

https://alex-d.herokuapp.com/

Working Experience

Project: NatureId (AIBY Inc)

Duration: 03.2021 - present day

Position: Software Engineer

Description: Plant and diseases plant identification.

Programming Languages: Kotlin

Development tools: AndroidStudio

Technologies: Android 7 and above; Retrofit, Kotlin Coroutines, Room, REST API, Koin(DI-multi module). MVVM - architecture.

Project: Jigsaw Puzzles Collection HD (Veraxen)

Duration: 02.2020 - 02.2021

Position: Software Engineer

Description: Popular anti-stress puzzles game.

Programming Languages: Kotlin

Development tools: AndroidStudio

Technologies: Android 6 and above; Retrofit, Kotlin Coroutines, Room, Toothpick(DI-multi module). MVVM - architecture.

Project: Color by Number Oil Painting (Veraxen)

Duration: 02.2020 - 02.2021

Position: Software Engineer

Description: Popular anti-stress art activity game.

Programming Languages: Kotlin

Development tools: AndroidStudio

Technologies: Android 6 and above; Retrofit, Kotlin Coroutines, Room, Dagger2(DI-multi module). MVVM - architecture.

Project: Talk to You / Teletype (Synesis)

Duration: 06.2019 - 02.2020

Position: Lead Software Engineer

Description: State-of-the-art messenger in your private cloud featuring private and public channels, media and file messages, rich widgets, and built-in chatbots.

Programming Languages: Kotlin, JavaScript

Development tools: AndroidStudio, IntelliJ IDEA

Technologies: Android 6 and above; Retrofit, Rx, Room, Toothpick(DI). MVVM/MVI - architecture. REST api, GAE.

Project: ChatEG / Synesis-IM (Synesis)

Duration: 07.2018 - 05.2019

Position: Lead Software Engineer

Description: Messenger. Implemented all functions like in other messengers. Bestwidgets, and built-in chatbots. By European Games 2019. All Slack-chat features.

Programming Languages: Kotlin, Java, JavaScript

Development tools: AndroidStudio, IntelliJ IDEA

Technologies: Android 4.4 and above; Retrofit, Rx, ObjextBox, Dagger2. MVP - architecture. REST api, GAE.

Project: Xe-136 Logistics (Synesis)

Duration: 07.2017 - 03.2018

Position: Lead Software Engineer

Description: Cloud platform for online ordering and logistics management via portable devices based on chat bots.

Programming Languages: Kotlin, Java, JavaScript

Development tools: AndroidStudio.

Technologies: Android 4.4 and above; Retrofit, Rx, ObjextBox, Dagger2. MVP - architecture. REST api, GAE.

Project: National Messenger gem4me.com (Synesis)

Duration: 01.2017 - 06.2018

Position: Lead Software Engineer

Description: Messenger. Implemented all functions like in other messengers.

Programming Languages: Kotlin, Java, JavaScript

Development tools: AndroidStudio.

Technologies: Android 4.0 and above; Retrofit, Rx, GreenDao, Dagger2. MVP - architecture. REST api, GAE.

Project: Queues Belarus Customs (Vialyx)

Duration: 02.2018 - 04.2018

Position: Lead Software Engineer

Description: Application for tracking the status of the queues of the border of the Republic of Belarus.

Programming Languages: Kotlin, Node.js

Development tools: AndroidStudio, IntelliJ IDEA.

Technologies: Android 4.0 and above; Retrofit, Rx, Room, Dagger2. ViPER - architecture. Express, REST api, DigitalOcean, telegramBotApi.

Project: Violation Detector-Pay (Vialyx)

Duration: 12.2017 - 01.2018

Position: Lead Software Engineer

Description: Application for tracking the violations by car. Pay in one click.

Programming Languages: Kotlin, JavaScript

Development tools: AndroidStudio

Technologies: Android 4.2 and above; Retrofit, Rx, Realm. Dagger2. ViPER - architecture.

Project: TvGarant Launch STB (Promwad/TvGarant)

Duration: 07.2016 - 12.2016

Position: Lead Software Engineer

Description: TvGarant Launch STB - IP-TV application television. European, Russia, Belarus.

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.4 and above; AndroidTV 5.0 and above.

Project: WatchScanner (Promwad/USA personal customer)

Duration: 11.2016 - 11.2016

Position: Lead Software Engineer

Description: Application-concept for personal customer. Functional: scan barQr codes, inserting tag-information in NFC module.

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.4 and above; NFC. Virtual-COM port interface.

Project: Rekena (Promwad/Deutsche Telecom)

Duration: 07.2016 - 08.2016

Position: Lead Software Engineer

Description: This application for the German operator DT(Deutsche Telekom). Application-concept for Smart Home devices.

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.1 and above;

Project: FSP 2016 (Neklo - Freelance)

Duration: 06.2016 - 06.2016

Position: Software Engineer

Description: This application for Art-picnic Freaky Summer Party 2016

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.3 and above; Bluetooth 4.0 for data transmission by Beacons.

Project: Praktik (Promwad/RuSonar)

Duration: 03.2016 – 06.2016

Position: Lead Software Engineer

Description: Application to check the bottom and fish finder of radiation and search fish.

Programming Languages: Java, C++, Objective-C

Development tools: AndroidStudio, XCode

Technologies: Android 4.3 and above; iOS 8 and above; Bluetooth 4.0 for data transmission

Project: Kinopoisk(Promwad/Yandex)

Duration: 12.2015 – 02.2016

Position: Lead Software Engineer

Description: This Application for Russian website about cinematography.

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.0 and above; google-play services, gradle, etc…

Project: YandexStick(Promwad/Yandex)

Duration: 12.2015 – 02.2016

Position: Lead Software Engineer

Description: This Application for Russian website about cinematography.

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.4, Player integration, web, js etc...

Project: Zive(Promwad/R-nox)

Duration: 10.2015 – 11.2015

Position: Lead Software Engineer

Description: Application for communication with radiation monitor (R-Nox)

Programming Languages: Java

Development tools: AndroidStudio

Technologies: Android 4.0 and above; Bluetooth 2.0 for data transmission

Project: Lime(Promwad/Smartlabs)

Duration: 06.2015 – 05.2016

Position: Lead Software Engineer

Description: Application for viewing media content.

Programming Languages: Java, C++

Development tools: AndroidStudio

Technologies: Android 4.0 and above; in-app billing api; google-play services; jni, gradle.

Project: ZALA/Moyo.TV/CaOn (variants:mobile/tablet, STB) (Promwad/Smartlabs/Beltelecom)

Duration: 01.2015 – 05.2016

Position: Lead Software Engineer

Description: Application for viewing media content.

Programming Languages: Java, C++

Development tools: AndroidStudio

Technologies: Android 4.0 and above; support AndroidTV OS; in-app billing api; google-play services; jni, gradle.

Project: Zabava(Promwad/Smartlabs/Rostelecom)

Duration: 11.2014 – 08.2015

Position: Lead Software Engineer

Description: Application for viewing media content.

Programming Languages: Java, C++

Development tools: Eclipse/AndroidStudio

Technologies: Android 4.0 and above; in-app billing api; google-play services; jni, gradle.

Project: EnergyPhone(Promwad)

Duration: 08.2014 – 11.2014
Position: Lead Software Engineer
Description: Application to automating utility service.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 4.0 and above; in-app billing api; google-play services; yandex map api;

Project: Inferum(Promwad/Rofes-E01C)

Duration: 04.2014 – 10.2014
Position: Lead Software Engineer
Description: Application to test the state of the human body. Only works in combination with the device Rofes-E01S.
Programming Languages: Java
Development tools: Eclipse

Technologies: Android 4.2 and above; USB, virtual com driver (CdcAcmSerialDriver)

Project: Wialon(Traktor/VeeTech/Std59 Tracking)(Promwad)

Duration: 02.2014 – 04.2014
Position: Lead Software Engineer
Description: Application for tracking the location of vehicles moving company.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 4.0 and above; GPS, Google Maps Api.

Project: Elta glukometr(Promwad)

Duration: 01.2014 – 02.2014
Position: Lead Software Engineer
Description: Application to check the level of glucose in the blood. Works only in combination with the device.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 4.2 and above; used audio jack for data transmission

Project: Sochi 2014 - Results (Olympic and Paralympic)

Duration: 10.2013 – 01.2014
Position: Lead Software Engineer
Description: The official application Sochi 2014.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.4; Social Networks (Twitter, Facebook, VK.com), Foursquare, Flurry Analytics, AdFox, Youtube;

Project: Radiostation Client (Promwad/Altonika)

Duration: 09.2013 – 10.2013
Position: Lead Software Engineer
Description: Application for managing analog and digital radio station.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.3; Bluetooth 2.0 for data transmission

Project: Lapka (Promwad)

Duration: 08.2013 – 09.2013
Position: Lead Software Engineer
Description: App for measuring radiation. Works only in combination with the device.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 4.1 – 4.3; Google Map api 2.0; used audio jack for data transmission

Project: Formulae Helper (Freelance)

Duration: 07.2013 – 08.2013
Position: Developer
Description: Handbook of Mathematical Formulas.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.3; HTML, CSS

Project: Google Contacts Widget and Samsung Style Contacts Widget (Freelance)

Duration: 06.2013
Position: Developer
Description: Contacts Widget.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 4.0 – 4.3;

Project: Tallink & Silja Line (Promvad/GenerationP)

Duration: 09.2012 – 07.2013(2 iteration)
Position: Senior Java(J2EE)/Android Developer
Description: App for search travel.
Programming Languages: Java
Development tools: Eclipse, JIDEA
Technologies: Android 2.2 – 4.2; DB:SQLite; ORMLite, GoogleAnalitics, Robolectric; J2EE: Hibernate, SpringMVC, REST

Project: GIM Android (v1, v2) (Freelance)

Duration: 01.2013 – 06.2014
Position: Developer
Description: App for audit retail spaces.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.4; Dropbox Api, FTP

Project: Safe Hide (Promwad)

Duration: 07.2012 – 07.2012
Position: Senior Java/Android Developer
Description: Utile application. Save and hide phone numbers, sms, photo, video.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.2 – 2.3; DB:SQLite;

Project: Safe Store (Promwad)

Duration: 05.2012 – 07.2012
Position: Senior Java/Android Developer
Description: Utile application. Save and hide files.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.0; DB:SQLite;

Project: File Manager (Promwad)

Duration: 03.2012 – 05.2012
Position: Senior Java/Android Developer
Description: Utile application.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.0; DB:SQLite; Dropbox API for Android,
JavaMail API, Application Crash Report API for Android, JCIFS for Java, FTP API for Java

Project: Bubbles (Promwad)

Duration: 03.2012 – 05.2012

Position: Senior Java/Android Developer
Description: Game application.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.3 – 4.0; android framework – AndEngine 2.0, game API – Nindja

Project: Shturmann POI(My.POI) (Promwad)

Duration: 09.2011 – 02.2012
Position: Senior Java/Android Developer
Description: Geo targeting application.
Programming Languages: Java, C, C++
Development tools: Eclipse
Technologies: Android 2.1 – 2.3; TCP - protocol; DB:SQLite; JNI, NDK,
Google Maps API; AdMob Api;

Project: Safe Backup (Promwad)

Duration: 02.2011 – 08.2011
Position: Senior Java/Android Developer
Description: Application for backup user data.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.2 – 2.3; DB:SQLite;
 Dropbox API for Android, JavaMail API,
Application Crash Report API for Android, JCIFS for Java, FTP API for Java

Project: Dynamic UI (Promwad)

Duration: 02.2011 – 09.2012
Position: Senior Java/Android Developer
Description: Banking application.
Programming Languages: Java
Development tools: Eclipse
Technologies: Android 2.2 – 2.3; GAE; Web-service; DB:SQLite; formats message: XML, SOAP;

Project: Webhunter (Logic-Way)

Duration: 08.2010 – 01.2011
Position: Senior Java/Android Developer

Description: Client-Server Application - allows you to view images.
Programming Languages: Java, C++
Development tools: Idea, Eclipse
Technologies: Android 1.5 – 2.3; Web-service: Apache AXIS (SOAP); DB: MySQL, SQLite;

Project: Flexite BPMS, DMS, Services (Logic-Way)

Duration: 02.2009 – 02.2011
Position: Senior Java Developer
Description: all information – http://flexite.com/produkter/rodukter_eng.asp
flexiteBPMS is the most flexible platform for deviationhandling within Business Process Management
（BPM）on the market. The system has over 150000 licensed users and is created with guidance
of words like simplicity, flexibility, integratable, comprehensive, self instructive and cost effective.
flexiteBPMS is made to completely automate those of a companies processes which includes
gathering and management of information.
Programming Languages: Java, C++, JavaScript
Development tools: Idea

Technologies: Server: Tomcat, Weblogic; Java(JDBC, Spring, JSP, JSF, EJB, Axis); C++(Service); JS(JQuery, AJAX); DB(Oracle, MS SQL);

Project: Documents-Archive (Logic-Way)

Duration: 03.2009 - 09.2009
Position: Java Developer
Description: Database for documents.
Programming Languages: Java, JavaScript

Development tools: Idea
Technologies: EJB, JNDI, JDBC, JUnit, Swing, Spring, Hibernate, Oracle WebServices, Maven 1, xDoclet, XML; SQL, PL/SQL; Oracle; OAS, OC4J; ErWin;

Project: Automatic system of testing (EPAM Systems)

Duration: 01.2008 – 01.2009
Position: Java Juniour Developer

Description: Automatic system of testing (similar www.brainbench.com).

Programming Languages: Java, JavaScript

Development tools: Eclipse

Technologies:

Database: Oracle.
Frameworks: Hibernate, Spring, JavaServer Faces JSF.
JS: Jquery
Source Control Systems: SVN.