

Pavel B.

Senior Android Developer

GENERAL QUALIFICATION

- Advanced knowledge in Java and Android SDK for more than 9 years;
- Advanced knowledge in Object-Oriented Development, Refactoring, Performance-critical applications;
- Good knowledge of algorithms, design patterns, mobile development and web protocols;
- Good analytical skills and architecture design.

Mobile:	Kotlin.
Build tools:	Gradle, Apache Ant.
Networking:	TCP, HTTP, IP.
Database:	SQLite.
Mobile:	Android, Android SDK, Java, Kotlin.
Project management tools:	Jira, MantisBT, Redmine 2, Trac.
QA:	JUnit.
Version Control systems:	GIT, Subversion.
Technologies:	AndroidX, Jetpack, Android Architecture Components, XMPP, Dagger2, Retrofit2, Bluetooth API, Google Services, JSON, GSON, SOAP, Android Support Package, Facebook SDK, Twitter4J, ZXing, Google Drive SDK, Box SDK, In-app Billing, OpenGL-ES, libGDX.
Operating Systems:	Windows, Linux (Ubuntu).
Development tools:	Android Studio.

EMPLOYMENT HISTORY

- **August 2010 – Present**, Senior Android Developer in QArea Company.

COMMUNICATION SKILLS

- **English** – Upper-Intermediate;
- **Ukrainian** – Fluent;
- **Russian** – Fluent.

EXPERIENCE

Secure messenger

Secure messenger supports calls, conferences.

Responsibilities: Refactoring, bug fixing, new features development. Rewriting with new technologies (Kotlin, Android Architecture Components). Working in a team with over 20 participants, including manual and automation QA's.

Technologies: Android SDK 14-25, Android Support Package, Kotlin, Android Architecture Components, AndroidX, DataBinding, MVVM.

Online radio A

Online radio player for online radio. Browse stations, play streams, read news, play podcasts etc. Target OS - Android OS (2.2).

Responsibilities: Tech and team leading.

Technologies: Android SDK 8, Android Support Package, XML, simple xml, Facebook SDK, twitter4j, Smart AdServer, SQLite.

Online radio B

Online radio player for online radio. Browse stations, play streams, read news etc. Target OS – Nokia S-40 proprietary system.

Responsibilities: Team leading.

Technologies: J2ME, LWUIT, Nokia SDK, XML, JSON, RTSP.

Mivo

Online video streaming app for Android. Target OS – Android 4.0.

<https://play.google.com/store/apps/details?id=mivo.tv>

Responsibilities: Support, new features development.

Technologies: Android SDK 14, Google AdMobs, SOMA Ads, RTSP, HLS, JIRA Mobile Connect, Helpshift, UrbanAirship.

Project under NDA

Android application that makes donations to Church easier. Find the nearest church, browse churches, select payment options etc. Target OS – Android 4.0.

Responsibilities: Refactoring, bug fixing, new features development.

Technologies: Android SDK 14, Android Support Package, Action Bar Sherlock, JSON, Facebook SDK, twitter4j.

Beam

Android/iPhone jabber-based chat with documents sharing via Box, Dropbox, Google Drive, Evernote and more.

Responsibilities: Android application development.

Technologies: Android SDK 14, Android Support Package, XMPP, Google Drive SDK, Box SDK.

Application for technical support

Application provided technical (“Call support”, “Video support”, “Operator support”) support for mobile operators.

Responsibilities:

- Implement network layer (composing request procedure to web services, parsing response from server);
- Implement GUI interface;
- Implement localization application;
- Implement invoke call from the application.

Technologies: Android SDK 4, JSON.

Mobile app for booking hotels

Developing mobile app. Target OS - Android OS (1.6). Mobile application for browsing and booking hotels all over the world.

Responsibilities: Whole application development.

Technologies: Android SDK 4, SOAP (WCF).

Project under NDA

Mobile application for obtaining loyalty in various café, fast-food etc.

Responsibilities: Whole application development.

Technologies: Android SDK 4, Android Support Package, JSON, GSON, QR-Code, RedLaser SDK.

Goods-exchange system

Developing mobile part of goods-exchange system. Target OS - Android OS (1.5). The system offers the end-users a huge number of commercial and private advertisements in all spheres of

life. Numerous functions like ads browsing, powerful search by different dynamic categories, sending SMS and email via SOAP and native Android clients and calling directly from application have been implemented.

Technologies: Android SDK 3, SOAP (ksoap2), SQLite.

Project under NDA

Developing mobile part of the system, which is intended for users to find other users with similar interests with the help of their mobile phones using Bluetooth with Android OS (2.1).

The mobile application allows users to find other users with this application running, automatically calculates the compatibility and complementarity and hides incompatible users. Then the user can invite any compatible user and start the conversation directly through Bluetooth.

Technologies: Android SDK7, Bluetooth API, custom widgets.

Event application

The application designed for representation of information about different events (such as conferences, exhibitions etc.) on mobile devices.

Responsibilities: Design and developing of the network layer.

Technologies: Java (jdk1.6), JSON.

Photo editing application

Responsibilities: Bug Fixing, support.

Technologies: Android SDK 14, Android Support Package, In-app Billing, OpenGL-ES, LibGDX.

Project under NDA

Secure messenger.

Responsibilities: New features development.

Technologies: Android SDK 14, Android Support Package, Google Services (AdMob).

Project under NDA

The application designed for automating calculations using algorithms provided by the customer.

Responsibilities: Developing UI. Developing custom widget (an analogue of UIPickerView in iOS).

Technologies: Android SDK 5.

Application for scheduling events

The application is designed for scheduling events (optimized for payment-like events).

Responsibilities:

- Developing part of UI;
- Developing system architecture, model and controller along with local storage.

Technologies: Android SDK 7, SQLite.

Application for viewing pdf files

The private application used for viewing pdf files stored on a private server.

Responsibilities:

- Developing system architecture;
- Implementation of transport layer.

Technologies: Android SDK 4.

EDUCATION

- **2004 – 2009**, Kharkiv National University of Radio Electronics (KhTURE), M.S. Degree in Computer Science.