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 **PROFESSIONAL SUMMARY**

* Over 6+ Years of experience in Java and Android application development.
* Good knowledge in Android UI, Android SDK, Android design patterns.
* Implemented the app using **Android Studio and Android NDK** and developed the app in **Java**, **Kotlin**.
* Experience on Android UI components such as Text View, List View, Customized List View, EditText, Buttons, Checkboxes, Dialog boxes, Alert Dialogs, Action bars, and Spinners for various layouts in Application development
* Knowledge in application testing, debugging, troubleshooting, documentation, deployment and continues integration
* Excellent knowledge and working experience in **Android SDK and NDK**, Application Stack and Android Architecture.
* Have a good understanding of **Android Back-end and UI** guidelines.
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD) and Scrum.
* Strong experience in Android application development involving **User Interface development, Notifications, Fragments, Content Provider, Intents, Services, Shared preferences and SQLite.**
* Experience in testing includes emulator and device testing with multiple versions and sizes with the help of **ADB**
* Have hands-on experience in complete project life cycle, with domain knowledge in Mobile Application Development and Web application development.
* Proficiency in **Core Java, C#, JNI, C++, Android** and **Model-View- Controller** design pattern.
* Hands on Experience in Developing Telecom Applications on Wireless 3G platform and **Wi-Fi**, Messaging and **Bluetooth**.
* Passionate to update my knowledge and skills though continuous self-learning.
* Experienced in deploying Mobile applications to **Google Play store**.

**EDUCATION**

**RIVIER UNIVERSITY, NASHUA, NH Jan 2015 to May 2016**

Master of Science in Computer Science,

Key Coursework: Algorithms, Advance Data Structure, Databases, Android development, OOD, Computer Networks, Security System, Operating Systems. JAVA

**PROFESSIONAL EXPERIENCE**

**Android Developer Nov 2019 to Present**

**Meijer**

**Grand Rapids, MI**

 **Meijer App**

App Link: <https://play.google.com/store/apps/details?id=com.meijer.mobile.meijer>

Meijer is retail joint and general merchandise store which offers carrier paths in retails stores, cooperate manufacturing and pharmacy areas.

**Responsibilities:**

* Designed an Android application for Meijer (MMA) which provides an ability to buy the groceries directly from the app.
* Participated in the development process involving Planning, functional design, technical design, documentation and code reviews.
* Worked on native android development using Kotlin and Java.
* Played key role in the design and security of the application.
* Integrated Okhttp, Retrofit libraries for the network communication with the back-end web services.
* Integrated Android Jetpack libraries to build the high quality and robust applications within the Meijer.
* Used MVVM Architectural pattern along with LiveData for well-organized codebase and well testable application.
* Used Microsoft Devops, Pipelines for the Agile software development process.
* Performed Unit testing using JUnit, Mockito frameworks for various modules to ensure the output is expected.
* Used Dagger for dependency injection to work with UDF patterns.
* Used Room Database to cache the data received from the restful webservices.
* Added ProGuard Rules to shrink the APK by removing the unused code and resources in the release build.
* Used GIT for version control systems.

**Environment**: Android Studio, Android SDK, Retrofit, Fragment, Services, Postman, Zeplin, JSON, Event Bus, Fiddler, Material design, SQLite.

**Android Developer Aug 2018 to Oct 2019**

**Lennox international**

**Carrollton Texas**

The Lennox iComfort S30 thermostat doesn’t just control temperatures like a conventional thermostat, it automatically adapts to individual lifestyles and to the changing environment to help deliver the ultimate in comfort, energy savings and peace of mind. The Lennox iComfort App allows the user to control their HVAC system from anywhere in the world as though they were standing in front of their own thermostat.

**iComfort App Features**

App Link: <https://play.google.com/store/apps/details?id=com.lennox.ic3.mobile.droid&hl=en_US>

* Adjust and view your house temperature from anywhere in the world
* Edit and view your thermostat schedule (Summer, Winter, Sprig/fall, Save Energy)
* Smart Away Mode uses the location on your mobile phone to detect when the house is empty and automatically change the temperature to a more energy-efficient setting. When a family member is on the way home it automatically returns the temperature to its regular setting.
* Much like a weather report will use a temperature and wind speed to determine a Wind Chill index to indicate the perceived temperature, the iComfort S30, Feels Like Temperature takes into account indoor and outdoor temperature and humidity to make a home feel exactly like the homeowner desires. Therefore, when the thermostat is set to 72 degrees, a home will “Feel Like” 72 degrees year-round.

**Responsibilities:**

* Participated in different phases of the project SDLC like design, development, testing and deployment
* Implemented the app using **Android Studio and Android NDK** and developed the app in **Java**, **Kotlin**.
* Involved in the development of the **Login authentication** process using token services for the secure authorization and authentication on the application.
* Implemented web views, list views & populated lists, **recycler views**, **material design** to display the lists using simple adapters, base adapters and recycler view adapter.
* Worked on **Location Manager API** and **Google Location Services** Mode uses the location on your mobile phone to detect when the house is empty and automatically change the temperature to a more energy-efficient setting
* Consumed RESTful JSON services using **RxAndroid/RxJava** and Retrofit 2.0 in a MVP design approach
* used components using **Google Maps API v.2**, geo-location, Location service and Geo Coding.
* Constructed **HTTP requests**, fetching server response and parsing feeds wherever required
* Utilized **View Pager**, **Fragments**, custom views and List Views for clean and intuitive UI.
* Worked on socket communications such as TCP, HTTP and webservers.
* Familiar with Configuration Management tools (Version control, bug tracking, change management, automated builds, and coding standards).
* Included **Drawer layout** for ease of navigation throughout the application.
* Responsible for integration with other modules until software release.
* Gather requirements, create architecture and design documents.
* Create unit test cases for the developed modules.
* Perform code and design review.

**Environment**: Android Studio, Android SDK, Eclipse IDE, Kotlin, Retrofit, Google Location, Fragment, Service, Broadcast Receiver, UI, XML, JSON, Event Bus, Material design, SQLite.

**Java/Android Developer Sep 2017 to Aug 2018**

**Thales Avionics**

**Melbourne, FL**

The project is to develop Thales Media Player for flight entertainment system using Android platform. Supporting streaming and local play back.

* Streaming using RTSP with the feature of multi audio track, subtitle, closed caption, liveTV buffering, pause, seek, trick mode, smart buffering and failover feature.
* Local File playback supporting multi audio track, subtitle, seek, trick mode. .
* Responsible for debugging and fixing issues found in the field.
* Incorporated maps component using **React Native** to render geographic locations and allow users to find closest places based on GeoJSON data.
* Supported multiple screen Android devices using Fragments and width-aware layouts.
* Responsible for the requirement gathering for the Android application.
* Incorporated maps component using React Native to render geographic locations
* Worked directly with backend server teams providing a large number of services including; Audio and **Video streaming.**
* Used **Dagger2** as a dependency injector and also to create some reusable, interchangeable modules and maintainability of code and alterations.
* Implemented a refresh floating action button on the map fragment, to refresh the map contents.
* Integrated Java code with native C++ code using Java Native Interface (JNI)
* Implemented concurrency using AsyncTask, Loader, threads, thread pools, locks and conditions.
* Configured Git and Bit bucket servers as the software version control tools
* Helped with training, mentoring and code reviews for the Android team.
* Attended daily SCRUM meetings to track app development progress.

**Environment**: Android Studio, Android SDK, NDK, Eclipse IDE, Java, C, C++ Retrofit, JDK, XML, EXO Player JNI, VIDEO buffering, JSON, Retrofit, Material design, SQLite, Bit bucket, JIRA

**Android App Developer**

**Vuesol Technologies Internship** **Dec 2016 to July 2017**

**Atlanta, GA**

Primary responsibilities include design and development of applications using Android Studio.

* Worked on **Easy Dial 91** Application.
* Conceptualized, designed, developed and deployed mobile applications.
* Developed using Eclipse IDE and Android Studio.
* Collection views (like List Views) and Adapters (default and custom).
* Integrated Google play services.
* Performed unit testing to report bugs and interacted with software development team to resolve.
* Worked on web service integration (REST, JSON, and XML).
* Used and implemented design patterns like MVC (Model-View-Controller)
* Implemented TDD testing mechanism and build Unit test cases using JUNIT.

**Environment**: Android Studio, Android SDK, Eclipse IDE, Java, Material design, MySQL

**CQT Solutions**  **Jan 2012 – Oct 2014**

**Java / Android**

**India**

**Description**: Healthcare system in Apollo Hospitals taking full advantages of what an application could offer. The app would need a login which every staff member has, status setting (available, busy and so on), a presence-based directory, notifications to e-mail, to help the hospital staff always stay connected

AppLink:

[**https://play.google.com/store/apps/details?id=com.app\_apollomuscat.layout**](https://play.google.com/store/apps/details?id=com.app_apollomuscat.layout)

* Collaborated with cross-functional teams to work on project life cycle phases like design development.
* Developed rich UI for the applications modules using List View, Scroll View, and View Pager & Navigation Drawer and developed Custom View.
* Responsible in implementing RESTful web services
* Used **ADB** (Android Debugging Bridge) command line for installing APK's and as a debugging tool (extracting log files).
* implemented the business layer by using Hibernate with Spring DAO & developed mapping files & POJO java classes using ORM.
* Implemented API integration with Facebook twitter and LinkedIn on home page.
* Utilized Shared Preferences to store and maintain user information.
* Involved in coding using Java Servlets, created web pages using JSPs for generating pages dynamically.
* Used Java Message Service (JMS) API to create, send, receive, and read messages.
* Implemented Spring validation framework for validating java bean objects
* Used Android SDK and Eclipse IDE for development.
* Designed and developed automated testing scripts using JavaScript for regression testing
* Participated in designing and developing a web application to maintain automatic testing results
* Participated in the writing of unit test cases for different modules using Junit framework

**Environment:** Android SDK, Java, Net Beans, OOP, Android API's, Location Manager, XML, JSPS