**VICTOR LEWEUWA**

**Fullstack Mobile Developer**

 **(201) 399-3817**

**victorlek96@gmail.com**

**EDUCATION**

**Dartmouth College – Hanover, New Hampshire,** B.E. in Engineering Sciences (*EE*)

**WORK EXPERIENCE**

**Android Fullstack Developer**  **April 2018 – Present**

**Electronic Juggernauts LLC – NY, NY**

<https://play.google.com/store/apps/details?id=com.user.rcapplication>

<https://play.google.com/store/apps/details?id=com.victo.vte>

* Leading a team of 7 Dart developers working on a social network (cross-platform mobile app and website) that aids artistic collaborations. Software developed for Android, iOS, and website.
* Involved in the full life cycle of the project including planning, designing, development, testing and deployment.
* Discussed the requirements with the client and analyzed the requirements.
* Designed the screens using MVVM pattern for the application with Eclipse IDE.
* Designed and developed network frameworks to consume REST APIs using Retrofit to fetch user profile and daily transaction details.
* Migrate payment module to Kotlin programming language and share code such as business logic, connectivity between mobile platforms with Kotlin Multiplatform with Agile and Scrum.
* Developed custom Java and Kotlin UI libraries for use by third-party apps.
* Implemented Notification Manager to display updates on the notification bar. Built a Responsive UI by separating background tasks to be performed using AsyncTask or Threads.
* Developed Android and iOS cross-platform libraries that focuses on features for mobile applications.
* Developed a native android mobile app that allows to pay electricity or cable TV bill, buy cellular minutes or internet data subscription, and make bank transfers all without the need of internet by automatically knowing all USSD codes for all major Telephone Carriers. Users can also use app to scan a cellular recharge card/ slip for image recognition and processing.
* Worked on a POC project for customizing the window management of Android for giving a desktop like, Espresso, floating multi window user experience. The project included building customized AOSP source tree and developing an android application to demonstrate the same
* Excellent knowledge and working experience in Android SDK, Ecommerce, Eclipse IDE, Android Studio, IntelliJ IDEA, Application Stack and Android Architecture. Focused on background processing with AsyncTasks and Services, Jenkins , IPC, AIDL, Storage and retrieval of structured data, fragments and broadcast receivers.
* Used RX-Java to accomplish background service tasks and Restful interactions.
* Used RESTFUL web services to communicate with the server for android.
* Implemented Kotlin with Android content for implementing features like sending E-mails, SMS, etc. from the app.
* Developed custom framework for Notifications / Background data refresh using Google Cloudmessaging architecture.
* Used SQLite to cache the data received from the RESTful web services.
* Used third party libraries like Dagger 2 and Butterknife into the Gradle and using them for improving performance of the applications, views injection and loose coupling
* Working on native android app into a cross-platform mobile app using Flutter/Dart and thereby creating iOS version.

**Skills:** Dart, Flutter, Java EE, XML, Gradle, Javascript, HTML, CSS, Swift, Node.js, NoSQL, Android Studio, iOS Development, Website Development, Firebase Firestore Database, Firebase Storage, Google Cloud Functions, Augmented Reality, JSON, GSON, Agora IO, WebRTC, Multi-threading (Async), GIT.

**Android Engineer Sept 2015 – March2018**

**Sunovion Pharmaceuticals – Marlborough, MA**

* Managed and supported video conferencing technologies, IMAC voice devices, Xcode UI, vendor management for parts and fixes/maintenance, troubleshooting; issue-tracking ticketing system, oversaw data center including dec
* Worked in different phases of project life cycle like design, development and testing of application for Android mobile devices.
* Developed App screens and its workflow using Activity and Fragments associated with view groups, using views such as Recycler Views and Scroll Views.
* Implemented web views, list views & populated lists from database using simple adapters.
* Worked on Cloud interface, Bluetooth, sensors, and REST web services.
* Constructing Http requests, fetching server response and parsing feeds wherever required.
* Used Retrofit to make an Interface to automatically handle the error function, and caching to API.
* Experience in Cross-Platform Mobile Development using React Native + Type Script based mobile app.
* Used Android Framework APIs such as Google Maps, ARKit, Camera, Resource Manager, Fragments, Location Manager, and Notification Manager.
* Making changes to the default behavior of window manager, activity manager services and other UI management components from the core android framework, building AOSP source tree and running on emulator.
* Strong experience in using Android development and debugging tools Android Studio, AVD, adb etc.
* Working k nowledge on **Linux Kernel, Android Runtime, JNI, Android SDK**, **Android HAL**, Microsoft Office (word, Excel, Power Point, MS project, ARCore, Access and Visio), **Eclipse IDE**, and **Android Studio**framework APIs, development tools, testing process and techniques
* Implemented the Kotlin with Android studio for smooth functioning of the location based services GPS, Bluetooth on Android
* Migrated some modules to Kotlin from Java
* Implemented TDD testing mechanism and build Unit test cases using JUNIT
* Managed development with a team of Android developers, back-end and front end developers

**Software Developer Jan *2013 – Jun 2015***

**DartMouth – NY, NY**

* Responsibilities include understanding requirements, analysis, design, development and unit testing of web applications.
* Involved in designing the application. Prepared UML Sequence Diagrams, Class Diagrams, and Activity Diagrams to incorporate in the technical design document
* Designed application using technologies like HTML, CSS and JavaScript.
* Developed Spring Hibernate components for backend data retrieval and persistence.
* Used Struts Validator Framework for validation from server.
* Developed Interactive GUI Screens using HTML, JSPs and performed Data validation using JavaScript
* Created different modules using Action classes.
* Writing PL/SQL Queries to get schedule of policy payment and defaults.
* Used Front Controller action servlet that handles the entire Http request coming to the server.
* Developed the application using industry standard design patterns like, Service Locator, Singleton, Business Delegate, MVC, and Factory Pattern for re-usability.

**Professor Teaching Assistant Aug 2010 – Dec 2012**

**City College of New York (CCNY) – NY, NY**

* Worked as a Teaching Assistant for two Precalculus College Courses thereby assisting 60 students.