

DHARMA KSEHTRI

ANDROID ENGINEER (JAVA/KOTLIN)

- dharmakshetri@gmail.com

- (641 - 451 - 3140)

- www.dharmakshetri.com

(Willing to relocate and available for Phone or Video or Onsite interview)

(Preferred **Kotlin** and Auto, Wear, BLE, IoT, Android Things, ML, Location Based, Firebase)

(GitHub: <https://goo.gl/LDwg1A>, Stack-overflow: <https://goo.gl/ct3MBC>, Portfolio: shorturl.at/pyDE5)

Summary:

- Android Developer with around 5+ years of extensive experience in **Analysis, Design, Development, Testing and Deployment** of an Android applications with Android SDK/**Kotlin** with Eclipse and Android Studio using backend **RESTful, WCF** and **SOAP** web services using **MVVM, MVP, Retrofit/okHttp, Dagger2, RxJava/RxAndroid, Jetpack (ViewModel, Live Data, Room, WorkManager, Navigation), Coroutines, RetroLambda, Butterknife, Material Design**, to build minimize memory leaks and high performance and handover well-documented report to the client and Familiar with **Android NDK** and **Native C**.
- Experience in advanced UI skills (**Material Design, ConstraintLayout, Fluid layouts, Fragments, Custom view components, android animations, LiveData, ViewModel**) and different type of Android UI frameworks.
- Good Understanding of **Firebase, Google Cloud** and **AWS Cloud server** (Only took online courses)
- Good knowledge on **Push notifications, Firebase, GCM, Gradle, Maven, GPS tracking, Credit Card Processing, Mapping, Mobile Analytics/Reporting, GSON, Picasso/Glide, Sqlbrite, Aquery, Third party APIs, Location API**.
- Worked with **public APIs** such as **GitHub, Twitter, Facebook, Google, Paypal, Firebase, LinkedIn, Weather**.
- **C/C++** Experience in College project (**Graduate level**)
- Proficient understanding of source control tools such **Git, SVN** and Issue and project tracking tools like **Jira, Trello**.
- Experience of **SDLC (Agile, SCRUM, SAFe)** and Continuous integration and Pair Programming (e.g. **Jenkins**).
- Good Knowledge of implementation of **BLE** (Native android app)
- Used frameworks like Mockito and JUnit for Unit testing and worked with Espresso for UI testing.
- Some Sort of Knowledge **Android TV, Angular JS, PHP, Python, Go, C#, MangoDB, Spring, HTML4, CSS3**
- Knowledge of professional software engineering practices including coding standards, code reviews, source control management, build processes, testing and operations
- Passionate for building a scalable and responsive **customer facing applications**.

Professional Experience:

KFORCE Inc

Oct 2018 – Oct 2020

CLIENT: CITY NATIONAL BANK, Los Angeles, CA

Android Engineer (Kotlin) - March 2020 – Oct 2020

App: City National Bank (CNB)

- Migrated some modules to KOTLIN from JAVA.
- Improved the current data model architecture by using MVVM pattern and also used Dagger 2 dependency injection to avoid hard coupling.
- Involved bug fix, enhance existing feature and adding new features, Improve the app performance by removing boilerplate codes.
- Collaborate with cross-functional teams/department to define, design, and ship new features within set time frames.
- Some short of experience of CI/CD tools (Azure DevOps) for daily deployment
- **Used Technologies:** Kotlin, Java, Retrofit, Dagger 2, Live Data, View Model, Coroutine, MVVM framework, Room, RESTful web services, Biometric, Bitbucket, Azure, Splunk, Unit/Mockito

CLIENT: STAPLES, Framingham, MA

Android Developer (Java/Kotlin) - Oct 2018 – Feb 2020

App: Copy/Print (Staples store)

- Use the self-service machines in any Staples® store as your instant copy center. It's the easiest way to make photocopies, print color documents and more.
- To copying self-service, you can print from the cloud and email and pay right at the machine to save time.
- Implement feature like Black & white copies, Color copies, Printing, Scanning, Faxing, Access documents from the cloud (Google Drive & Dropbox)
- Worked as an Android Developer at Copy & Print IT (Department) both Native and Hybrid applications.
- IoT based application handling Copy, Print, Scan, and Fax job for xerox printer communicating with Xerox CentreWare Web and different other APIs.

- Used Wiresharks to identify which server IP address delivered to our client that documents through handshaking And decrypt user's document from staples server to app access to print.
- Attained meeting of cross functionally and cross departmentally from product owner, business department, client to gather requirement and feedback
- Enhancement of Hybrid app (HTML5, JavaScript) to Java and Bug fixes.
- Develop the workflow to switch java to koltin of existing modules/feature
- Migrated some features from JAVA to KOTLIN
- **Used Technologies:** RxJava/RxAndroid, Kotlin, Retrofit, Dagger, MVP framework, Glide, RESTful web services, Room, ECF, GIT/Bitbucket, JavaScript, Wiresharks, Jenkins, BLE, TLS1.2, Splunk

Collabera Inc

Client: CITI BANK, Irving, TX

Nov 2017 – Sept 2018

Android Developer

App: Citi Mobile

- The Citi Mobile® App keeps you in control of your accounts, virtually anytime, anywhere. Gain access to features de-signed with you in mind like resetting your debit card PIN or locking a misplaced credit card. From everyday account activities to helping you track spend, the app is there for you.
- See your accounts at a glance, without having to sign in with Citi Mobile® Snapshot
- View your statements
- Check your balances and recent activity
- Make payments and transfers between accounts in a flash
- Transaction search and filter options
- Customize notifications
- Quickly access your account information with Fingerprint Sign On
- **Used Technologies:** Java, RESTful APIs, Payment APIs, MVP, Retrofit/okHttp, Dagger, RxJava/RxAndroid, Butterknife, Material Design, Git, Bitbuckets, Jira, Jenkins

Vastika Inc, Irving, TX

April 2017 – Oct 2017

Mobile Developer

App: OnMovie

- An application allows to gives full access, like streaming online, download, add subtitle and save offline storage privilege for register or pro user or paid user and for a normal user, access available according to the type of user and watch through streaming or download as a play offline using **google cloud** and local web server.

App: Employee Track App

- An application allows to track all the records of all their employees like a current working company, current status, daily working hours, how much gone pay their employee on the basis daily and monthly on working hours.
- Push notification features for all the app users like holidays, special offers, notices, bonus, salary deposit to the bank and any news related to the job.
- **Used Technologies:** Android Studio, Java, REST, MVP, Retrofit/okHttp, RxJava/RxAndroid, Butterknife, Material Design, JQueryes, JavaScript, HTLM, CSS, Git, Bitbuckets, Jira, Jenkins

Daanfe Inc, Kathmandu, NP

Jan 2015 – Oct 2015

Android Developer

- Involved in all phases of mobile application development from initial concepts, through design, development, testing, and deployment.
- Implemented RESTful services for parse JSON response and save information to the server and get the from the server displayed unique design for portrait, landscape mode both tablet and mobiles using all mobile screen size.
- Worked closely two apps news portal and e-commerce app
- Developed mostly e-commerce application allowing purchase and ordering of food, deals, accommodation, and travel on the market, integrates with Facebook and PayPal API. An application allows to share to friends with food details, latest deals and handle the offering to location-based restaurant shop or food shop which implemented GPS tracker & Google map API to provide the appropriate route.
- **Used Technologies:** Android Studio, Java, Eclipse RESTful APIs, MVC, JSON, SQLite, XML, GIT, Windows, Ubuntu, android version 4.1(Jellybean) to 6.0.1(Marshmallow)

Nepasoft Solutions, Kathmandu, NP

Jan 2014 – Dec 2014

Android Developer

App: WFPAndroid

<http://www.wfp.org/>

- The application performs data communication with WCF (Windows Communication Foundation) and allows displaying location-based data of disaster victims and save it locally on mobile and also providing the features of exporting data to any other platform.
- Utilized agile development methodology with facilitated the development process by leading SCRUM meetings with teams, clients, and business units.
- Handled offline data & Implemented RESTful for client-server communication using parse JSON response and save information to the server along with WCF web service.
- **Used Technologies:** Android Studio, Java, Eclipse, REST, MVC, JSON, WCF, SQLite, XML, GIT, Windows, Ubuntu, android version 4.1(Jellybean) to 6.0.1(Marshmallow)

App: Nabil Remit Bank Desktop App (JSP/JAVA/Tomcat/J2EE)

Alucio Technologies, Lalitpur, NP

Jan 2013 – Nov 2013

Android Developer

App: EduStatus

<https://play.google.com/store/apps/details?id=sdei.edustatusnew>

- Application to support to display the day to day information about schools, courses, and student.
- Allows showing the grade reports for parent and student, assignments and tutorials information, report card, latest news and activities about schools.
- Use technology to promote collaboration between students, parents, educators, governing bodies, and businesses to incentives each stakeholder to improve academic performance, support personnel and character development and foster meaningful relationships with one another.

App: SillyDic

<http://www.sillydic.com>

- **Hybrid Dictionary Application**, which deployed all the mobile OS (**android, iOS, window**) that help to view and contribute to the SillyDic dictionary data given search authority for words, categories.
- Where user can submit a new definition and screen will also show published words & definitions so far. If the user has a new word and definition or a definition for an existing word published application, then user know by email.
- **Used Technologies:** HTML, JavaScript, JQueryes, Ajax, CSS, Sencha, REST

Selected Applications:

Date Converter - <https://play.google.com/store/apps/details?id=com.ndc>

Integrated Nepali and Western calendar and populate the conversion date from Nepali to western and vice versa also preserve as a history of already converted dates.

Futsal Nepal - <https://play.google.com/store/apps/details?id=com.dharma.futsalnal>

Reduced time to find the location, provided guidance to how to play Futsal and all the information about the Futsal grounds like tournaments, festival packages, booking rates.

More applications in **Google Play Store**: <https://goo.gl/HaCrsw>

Education:

Master of Science in Computer Science - Maharishi University of Management, Fairfield, IA **2015 - 2019**

Bachelor of Engineering in Information Technology - Pokhara University, Nepal **2006 - 2010**

Achievements:

- 2nd Runner Up for DevFest Competition - (MUM - Fairfield, USA) <https://www.mum.edu/devfest-2015-software-competition-success/>.

Red Hat Certification::

System Network Administration and security (Duration of Training: 13/01/2010 – 13/04/2010) – Red Hat India

Note: References Available Upon Request.