

Dharma Kshetri

Android Engineer (Kotlin)

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(Willing to relocate to the position, and available for Phone or Video interview)

(Able to work as full-time under w2 until Aug 1 2019, I need sponsorship)

(Preferred Kotlin, Native Android apps, Auto, Wear, BLE, IoT, Android Things, ML, Location Based, Firebase, AWS)

(GitHub: <https://goo.gl/LDwg1A>, Stack-overflow: <https://goo.gl/ct3MBC>, Portfolio: <https://goo.gl/Yif7oj>)

Summary:

- Android Developer with around 4.5 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 back-end **RESTful, WCF** and **SOAP** web services using **MVC, MVVM, MVP, Retrofit/okHttp, Dagger, RxJava/RxAndroid, RetroLambda, Butterknife, Material Design, GraphQL, Lottie** 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(in **Graduate**)
- Proficient understanding of source control tools such **Git, SVN** and Issue and project tracking tools like **Jira, Trello**.
- Experience of **SDLC (Agile, SCRUM)** and Continuous integration and Pair Programming (e.g. **Jenkins**).
- Good Knowledge of implementation of **BLE**(Native android app)
- Experience of **UI, Unit Testing** and **TDD (UIAutomator, JUnit, Robolectric, Mockito)**,A/B testing.
- Some Sort of Knowledge **Android TV, Angular JS, PHP, Python, Go, C#, MangoDB, Spring, HTML4, CSS3**
- Learning/Interested area **Swift 3/4, Kotlin with Anko, RxKotlin, KAndroid, Android TV, Android Auto, Android Wear, Espresso, Big Data on Mobile, Mobile cloud, Mobile Network, Location-based application, GraphQL, GreenDAO**.

Professional Experience:

CitiGroup, Irving, TX Android Developer

Nov 2017 – Present

App: Citi Mobile

- The Citi Mobile® App keeps you in control of your accounts, virtually anytime, anywhere. Gain access to features designed 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

Vastika Inc, Irving, TX Mobile Developer

April 2017 – Oct 2017

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.

Daanfe Inc, Kathmandu, NP
Android Developer

Jan 2015 – Oct 2015

- 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.
- Technologies Used: Android Studio, Java, Eclipse REST, JSON, WCF, SQLite, XML, GIT, Windows, Ubuntu, android version 4.1(Jelly Bean) to 6.0.1(Marshmallow)

Nepasoft Solutions, Kathmandu, NP
Android Developer

Jan 2014 – Dec 2014

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.

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

- Add new features, support and handle the loopholes.

Alucio Technologies, Lalitpur, NP
Android Developer

Jan 2013 – Nov 2013

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.
- It 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.

Swastik IT Co. Pvt. Ltd., Kathmandu, NP
Junior Android Developer

July 2011 – April 2012

App: Kid Apps - All in 1

<http://www.mobogenie.com/download-kid-app-learn-1-000-words-475728.html>

- Apps brought the classroom to the palm of user's hand. Easy to use for both parents and kids.
- The application contains 18 different small applications ranging from over English 1,000 flash cards, interactive tracing drills, math games and more.
- The primary purpose of this application is to teach the children with fun way with help of fancy graphics and animation.

Selected Applications:

Date Converter

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

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

Futsal Nepal

<https://play.google.com/store/apps/details?id=com.dharma.futsalnepal>

- 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 - 2018

Bachelor of Engineering in Information Technology - Pokhara University, Nepal

Achievements:

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

Recent Completed Online Course:

The complete Android Kotlin Developer course (<https://www.udemy.com/certificate/UC-C77GNFXG/>)

Note: References Available Upon Request.