Swapna Singh

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Summary

Having 8 years of experience in Android and Kotlin Application Development with successfully designed, developed, and supported live use applications and understanding of full mobile development life cycle and SDK versions.

Education

B. Tech - 2013
Electronics and Communication
Uttar Pradesh Technical University

Higher Secondary School - 2009
PCM with CS
CBSE Board

Higher Secondary School - 2007
CBSE Board

Professional Skills

- Android SDK and NDK
- Hands on Kotlin
- Android Multimedia - Camera apps part
- New android tech like RxAndroid, Jetpack, Glide, Room Database
- Architecture pattern on projects like MVP and MVVM
- Version Management Tools like Git, Gerrit, Perforce, Gitlab and SVN
- Issue analysis on different layers of Android Architect
- Systrace tool

Personal Skills

- Reliable and professional
- Organized
- Time Management
- Team Player
- Fast learner
- Motivated
- Leadership

Work Experience

Senior Software Engineer
Tech Mahindra
June 2019 - Present

- **Samsung Research and Development:** Working with multimedia camera apps part team. Implement various UI/UX and modules of new and upgraded models. Responsible for OS upgrades of Camera modules of Samsung devices. Analyze logs of issues and find out the layer of android architect which is related to the issue. Also analyze systrace to inspect process timing. Run and write ACT test cases for camera module. Maintain feature file of camera of different Samsung devices.

Senior Software Engineer
MyQSoft Infotech Pvt. Ltd
Jan 2016 - Jun 2019

- **Print Fit :** This app is for creating customized photo albums, calendars, mugs, pillow, post cards and many more products. From this app user can select multiple images and set it on desired layouts with customized themes, backgrounds, texts, photo frames, filters, cropped and rotated images, and many other photo editing features. App also contain online cart system and payment gateway integration. Link - *https://play.google.com/store/apps/details?id=www.print.fit_hk*

Software Engineer
Netprophets Cyberworks Pvt. Ltd.
June 2015 - Jan 2016

- **Netless:** It's a type of mini YouTube player played within an out-of-home intrazone called Netless zone. User can view, play, listen and interact with the contents. App has live streaming for which used Exo player. Polls, survey and ratings feature are also supported.
- **Netless Auto Call Responder:** This application is for Netless customer support. In this an automatic description of Netless app is sent to the caller and details of caller are saved at the end of support number. Use of MySql Database and android calling system.

- **Airtel Plan Selector:** This app is basically for Airtel Sales persons. By using this app sales person enter needs of user like members in family, activities which they use internet for, timing and accordingly gives them best plan of there circle.
- **Epilepsy Diagnosis Aid:** This app gives the probability of an episode of altered consciousness being due to an epileptic seizure base on the answers to few questions. It provides an interpretation of the probability score obtained. It enable each record to be stored on the phone or tablet and uploaded on to a secure web server for later download as a .xls or .csv file. Link : *https://play.google.com/store/apps/details?id=com.np.epilepsymanagement*
- **Zaiuto Business:** This app is like Uber for Mechanics. This app receives request from customers for car / bike breakdown assistance. It helps mechanics to detect the issue customer may facing and the estimated cost for it. It also navigate the location of customer, and view the estimate distance from workshop. Link: *https://play.google.com/store/apps/details?id=com.zaiuto.zaiuto_business*

Software Engineer
Linchpin Technologies Pvt. Ltd
Nov 2013 - May 2015

- **ICAI Now:** The Institute of Chartered Accounted of India (ICAI) identified the need of Mobile Application for its stake holders (members, students and others). This app brings key up-to-date contents from it's website (www.icai.org) like announcement, events, news, notifications, press release, jobs, tender etc. Link: *https://play.google.com/store/apps/details?id=com.app.icai*
- **My Period Tracker:** This is a very accurate ovulation predictor / calculator with high level of privacy protection. In this female user can share her emotional and physical health state with her partner (cross platform enabled). It comes with feature like shared health feed, period events calendar, lifestyle calendar, help to find possible prospective days for conceiving a baby or even avoid unwanted pregnancy etc. It is easy to use for tracking, monitoring and managing mensuration cycles and personal period log. It calculates fertility days and ovulation day on the basis of the scientific methods. Link: *https://play.google.com/store/apps/details?id=com.linchpin.myperiodtracker*
- **ID3 Tag Editor:** This app displays the list of media songs and enables user to edit it's tag like song title, album name, artist name, thumb image and so on.
- **GamesOn:** This application is to organize and find daily sports games and players to play with in neighborhood. It helps to find nearby venues, invite friends and know what and where people are playing. It is basically a social platform for sports persons. Link: https://play.google.com/store/apps/details?id=com.gameson.gameson
- **Tag Cards:** This app is used to store all card details like image, barcode, type. It stores the user details internally to the app and it is passcode protected. User can also convert his/her cards details in the form of QR code. If required user can make backup on Dropbox or Google Drive.
- **Bottle and Glass Photo Frames:** This app is for making collage picture frames with beautiful glass themes. User can edit their images and place them in the frame.
- **Photo Booth:** This app is for editing and making funny faces and adding stickers of different types and share them with friends or on social media.
- **Video to Image Converter:** This app is for capturing photo frames from video. User can capture all frames by giving some time duration or can capture by clicking at the frame. And after that user can edit these photos, save it to the storage, and can set it as wallpaper.
- **Video to Audio Converter:** This app is to remove audio from the video. After that user can play, edit and trim that audio. Can also set that audio as a ringtone. This app uses the ffmpeg library.
- **Tube Video Downloader:** This app is used for searching any video from web and downloading it to the device.
- **Sound Changer:** This app is an entertainment app that changes voice of a person. User can save that voice and share it.

Certifications and Courses

- C# **:** NIIT, Hadapsar, Pune - 2011
- Diploma in Software Testing : Seed Infotech, Hadapsar, Pune - 2012
- Professional Course in Digital marketing : Cepta Infotech, Noida - 2018