

Gurpreet Singh

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gurpreetsingh2808.github.io

Experience

June 2016-
Present

Software Developer at RMgX

- Planned, designed and developed apps per needs and requirements right from the scratch.
- Prepared and did manual testing as well as JUnit and Instrumentation testing.
- Maintained and improved app by fixing bugs and add on functionalities.
- Wrote documents on various technologies like Beacons and Bluetooth low energy, Progressive web apps, Physical web, App store optimization.
- Published an android library to easily create customizable dialogs.
- Wrote client code/connectors using Spring framework to connect our backend with the tools we are using.
- Did POC on Beacons and Bluetooth low energy, and Physical web
- Wrote command and control Spring boot application (includes both client side and server side) with Firebase integration.
- Currently working on a React native app.

Education

2012-2016	Bachelor of Technology, Computer Science & Engineering Guru Tegh Bahadur Institute Of Technology Guru Gobind Singh Indraprastha University	68.4%
2011-2012	12 th (Senior Secondary Examination) Himalaya Sr. Sec. School, Rohini, Delhi Central Board of Secondary Education	81.8%
2009-2010	10 th (Secondary Examination) Rosewood Public School, Rohini, Delhi Central Board of Secondary Education	81.7%

Certifications

2016-2017	Android Developer Nanodegree Udacity
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Technical Skills

Domain	Mobile app development – Android
Others	React native, Spring
Databases	Room, SQLite, Greendao
Tools	Buddybuild, One signal, Firebase, Branch, Git

Projects

2018	WeatherApp (Personal Project) View project- https://github.com/gurpreetsingh2808/WeatherApp An android application that fetches the real-time weather data for current location and display it on the UI. It also maintains a history of all recent fetches. This app uses Openweathermap api to fetch weather data and Retrofit for network calls with MVP pattern. App also maintains a SQLite database to store the recent fetches and populate the view from this same source. Unit tests for both database and network call are also included in the app.
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2017

Cardinal (RMgX)

Link - <https://play.google.com/store/apps/details?id=com.rmgx.cardinal>

An application for android which will help you save your hard earned money by providing offers on your credit cards, debit cards and wallets.

User can sign up/log in using email and password or can also do google or facebook sign up/login. This app lets users view nearby offers, location based offers, share an offer, alert for nearby offers using geo fence, pin or bookmark favourite offers, add/delete cards or wallet, view wallet, apply filter to offers, suggest unavailable cards, look for updates.

It also has search functionality and deep linking to move directly to appropriate offer.

Apart from this, appropriate analytics is also done using Firebase analytics backed up by big query. This app also reports crashes so that potential issues could be resolved and the app could be refined. This app follows MVP design pattern and has Firebase app indexing and push notifications.

2017

Munch-in (RMgX)

An android application for our workplace which helps them minimize the overhead of paperwork and excel for the management of food inventory, orders and bill generation.

Employees can easily checkout pantry products hassle free through the app and it will be updated in the backend which helps the management for further processing and monitoring through dashboard.

2017

Show Box (Android Nanodegree Project)

View project- <https://github.com/gurpreetsingh2808/Show-Box>

Built an app to help users discover popular, now playing, upcoming and highly rated movies as well as TV Shows on the web. It displays a collection of movies/shows, launches a details screen whenever a particular selection is made, allows users to save favourites, play trailers, and read user reviews. This app utilizes core Android user interface components and fetches movie information using themoviedb.org web API.

Extra Curricular Activities

- Volunteered in a technical event titled "Robo Soccer" at the college fest.
- Regular attendee in Google Devfests in Delhi NCR.
- Hobbies include Writing, composing music, art and craft.