

Pankaj Kumar (Android Developer)

Email: kpankaj3389@gmail.com

Mobile: +91-7814768659

Current Place: Hyderabad, India

Area(s) of Interest: Android

Educational Qualifications	Year	Institution	CGPA / %
Master of Computer Applications	2012-2015	Indian Institute of Technology, Roorkee, India	6.759 (out of 10)
B.Sc. Mathematics and Computing	2009-2012	Department of Mathematics, Panjab University Chandigarh, India	79.87 (out of 100)

Current Work: Self Project - <http://www.prjprojects.com>

Android App - Process Control Charts (Pro and Free versions) (June 2016 – Working)

Using the app, user can create multiple Process Control Reports. In each report user can add multiple Quality Control Charts of various types. In each Quality Control Chart user can add multiple Samples by typing, voice. This is highly useful and handy for statisticians and professionals working on process control.

- Developed project as a private Bitbucket repository.
- Using flavors for pro and free versions.
- Control Charts are represented using inheritance.
- Control Charts are coded using Fragments based on custom inheritance and abstract methods.

Earlier Work Experience

Company – Beneficial Research Data Systems Pvt Ltd, Chandigarh

An IT start up based in Chandigarh focussing on Health, Security and Safety.

Product – HooSafe (June 2015 – May 2016)

- Users can create family and work groups. Login using Google OAuth 2.0 .
- Share real time location to group members.
- Google Places Nearby search customised with credentialed data.
- SOS button to initialize sequential actions – send sms, auto dial, Facebook post, Whatsapp, request uber.
- Geo fencing to send auto sms on crossing touch points in a route.

HooSafe Server Backend

- Designed and developed whole server which supports devices running on iOS, Android and Web Browser Apps.

- Used highly modular simple approach of small blocks of functionality which can be used in different sequences to achieve desired behaviour.
- Technology used: Google App Engine, Java Servlets, MySQL, JSON, Push Notifications, Google OAuth 2.0, Google Places API etc.

HooSafe Android App (June 2015 – May 2016)

- Developed whole app from scratch.
- Add, reject or send group invite to other users.
- Fetching and showing real time location of group member on Google Map with custom marker options.
- Live track a group member.
- Login, Register using credentials or Google Sign in.
- Display customized nearby assist using customized markers on Google Map.
- Android Geo fencing for auto updates.
- SOS feature.
- Uber integration.
- Push Notifications, Gson, Volley, Google Places Api.

Company - Symantec India Pvt Ltd, Pune, India

It is one of the leading companies in world working on IT Security.

Buffered Messaging System for Virtual Mobile Devices (Jan 2015 – May 2015)

It was final semester internship. I developed a standalone server using Java and Netty Server to support notification routing to virtual mobile devices which were Java code & JMeter Scripts using HTTP Long Polling. Useful for simulating Push Notification Server behaviour and testing code for iOS and Android.

Appreciation Certificates

Department of Mathematics, Panjab University Chandigarh, India

Panjab University Mathematics Masters Admission System (Jan 2012 to Apr 2012)

Received an appreciation certificate from department HOD.

Technology used: Servlets and MySQL along with some Apache libraries like Apache POI.

Mathematics Library Portal (May 2012 to Jul 2012)

Used in the same department for one year from May 2012.

Received an appreciation certificate from Department faculty.

Technology used: Servlets and MySQL