**Mirza Usman Baig**

### Profile Summary

* Total Experience of 1 Year 7 Months
* Primary skill is in Computer Science Fundamentals
* Android, Android were the part of last project, CORE JAVA
* Has a knowledge of C, C/C++ Unix, C/C++ Windows, C++, Information Security, Networking, Win32 API Programming (SDK), WINDBG
* Hold Indian government Passport valid till 19 Sep 2021

### Professional Details

|  |  |  |
| --- | --- | --- |
| **Company Name** | **Start Date** | **End Date** |

|  |  |  |
| --- | --- | --- |
| Persistent Systems Limited | 30 Sep 2013 |  |

### Role Details

|  |  |  |
| --- | --- | --- |
| **Role** | **Project Title** | **Duration(months)** |

|  |  |  |
| --- | --- | --- |
| Software engineer | Mobility-Practices- |  |

### Educational Details

|  |  |  |  |
| --- | --- | --- | --- |
| **Level of Education** | **Institution** | **University/Board** | **Passing Year** |

|  |  |  |  |
| --- | --- | --- | --- |
| PGDSSD | C-DAC | C-DAC(Bangalore) | 08 Feb 2013 |

|  |  |  |  |
| --- | --- | --- | --- |
| B.Tech. | Jamia Hamdard | Jamia Hamdard | 01 Aug 2012 |

|  |  |  |  |
| --- | --- | --- | --- |
| H.S.C. | Aligarh Muslim University | AMU(Board) | 11 Jul 2007 |

|  |  |  |  |
| --- | --- | --- | --- |
| CBSE10 | Kendriya Vidyalaya | CBSE | 13 Jul 2005 |

### Project Details

|  |  |
| --- | --- |
| **Organization** | **Persistent Systems Limited** |
| **Project Title** | **Mobility-Practices** |
| Domain | Mobile Application |
| Scope of the Project | Android Application Development |
| Duration | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | From | 30th sept 2013 | To | Till date | |
| Team Size | 3 |
| Roles | Software engineer |
| Responsibilities | As a software developer took part in every stage of software development life cycle |
| Software tools/Skills | Android, Android |

### Android Details

1. Login page and search of employee: This is a simple application in which 1st activity contains user name and password to be entered by the user. There is also an option to save username and password using shared preferences when user checks the checkbox. In login activity if you click login it try to connect with the server. This login code is implemented in AsyncTask.so to avoid ANR problem. This uses rest web services. Using get method of web services we passed the username and password and got the response in JSON format. we parsed the JSON data and got the token. Then in another activity using this token we again called the web services so that we get the employee detail. This employee detail we get only If we pass the token we receive in 1st activity. we parse the result and showed in list view. If you click on the individual item in the listview it shows the detail of the employee like employeeid, firstname, lastname etc.
2. Bar code scanner: In this case on scan of barcode using camera  
   the bar code receive in the edittext field on click of done button from the keyboard it hits the url and we get json data from this url .Here we used the zing library. we parse the json data and then show it in the dialog box in same activity. Now there is image url also in json data so we hit the Image url again and receive the image and set the image view. Image will be loaded after the dialog box get populated.so that the user gets good experience
3. Graphs and Charts: In graphs and charts we created three graphs.one is line graph using androidplot library and another is barchart using Achartengine library and third is pie chart using Achartengine library. These graphs shows the data accurately .I am getting data in json file and then parsing and showing in the graphs.
4. Database and related operations: In this app a database is created .In 1st activity there is a button on action bar on click of that button another activity is called in which there is edittext,spinner,datepicker on filling the edit text and clicking the done button these data are stored in the database. In this case relational database is used.
5. Customised Camera App: This is customized camera app through the use of camera class by overriding some of its method. In which there is a button on click of which you can take picture. In this case I have a image I inflate it on top of the preview. The image taken is saved in default location on SD card with image file named as yyyyMMdd\_HHmmss
6. Content Provider app: I have created 2 application.  
   1st application I used android content provider and retrieving data from it.  
   2nd application I used my own content provider for inserting and retrieving data from it. It has 2 application 1 is server and another is client. I used contentresolver to find the correct content provider
7. Character Recognition App:In this app we used ndk .we used opencv library to filter out the image.and then tess library for character recognition. When you select the particular text and move your finger over the text on the image it will automatically recognize the text and show you text in edittext. These Applications are used in visiting card reader.

Contact Address: Plot no 202,16/2 Akme Harmony back gate,ambalipura,bellandur

Gate, Bangalore 560103

e-mail:mubaig10@yahoo.com

Mobile:=+917406086116