

Nilesh Kumar Tiwari

Personal Data

Date of Birth:	09 June 1988
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Objective

To work in a versatile environment and technologies and not to restrict myself to a particular area of work but to learn new things, work upon them and master them.

Education

Aug. 2007 – June. 2011 4 yrs	Bachelor of Technology in Computer Science and Engineering Haldia Institute Of Technology , Haldia, West Bengal Affiliated to WBUT, Kolkata CGPA: 8.61/10
June 2004 – May. 2006 2 yrs	Intermediate in Maths, Physics and Chemistry The Pentecostal Assembly School , Bokaro Steel City Affiliated to CBSE, New Delhi Percentage: 78%
May. 2004	Mount Assisi School , Bhagalpur, Affiliated to ICSE, New Delhi Percentage: 83.3%

Technical Skills

Programming	C, Java, Android
Web, Scripting Databases	Javascript, HTML5, AJAX MySQL
Servers IDE	Apache-Tomcat NetBeans, Eclipse
Subjects	Data Structure and Algorithm

Experience

Currently working in Tata Consultancy Services from 27th March,2012.

Projects Undertaken In College

Web Portal Design (4th year college):

This web portal was a sort of social networking site where people can post their problems to the registered professional (doctors, lawyers) on site and get solution online. Front end was developed using JSP and MY SQL was used as a backend.

Projects Undertaken In Tata Consultancy Services

Corporate Banking Android Application (Native Application)

An application targeted for corporate to manage their accounts on tablets. The application fetches the account details from corporate database to give complete overview of the accounts. It has role based access which is managed by LDAP server maintained by corporate. It has features like making transfer of fund from one account to another, authorize the payment etc.

Salient Features

1. Implemented voice login. A user has to register his voice with a phrase and that phrase can be spoken at the time of login. On successful authorization user logs in the application.
2. Integrated with Google Voice to facilitate navigation between different tabs of the application.

My Role:-

Solely developed the whole application, including voice based navigation and voice login.

Wallet Application Using HCE (Native Application)

An application which acts as a digital wallet. It provides two way of doing payment one being Bluetooth and other being NFC. It has features like adding and removing of cards. Displaying all the payment done by the application. Edit card details. This application empowers user to do auto Payment if the amount is less than the amount user has specified.

Salient Features

1. Leveraging Bluetooth and NFC technology for doing payment.
2. It uses HCE technology newly implemented by Google in Android KitKat(4.4).
3. Auto Payment – Without user intervention payment can be done, if the settings for autopayment is on and the amount of bill is less than the specified amount.

My Role:-

Developed whole UI of the application. Handled the NFC mode of payment and handled all the failure scenario. Developed the auto payment mode for both Bluetooth and NFC.

Extension On Android powered Wearable watch

Have worked on wearable watch to push the relevant details on watch and act accordingly on the data via watch. Have worked on notification as well as wearable application.

Expiry Module (Native Application)

This application is made as a library which keeps track of the usage of the application and invalidates the application when it exceeds the validity tenure. This application has two mode of checking one being offline and other being online. Offline data is stored in keystore which is tampered proof and other being online using Google Drive spreadsheet to validate.

Salient Features

- 1 Uses Google Drive SpreadSheet api to check validity of the application in online mode.
- 2 Uses keystore to save data for offline validation.

My Role:-

Solely developed the whole library.

Survey Application (Hybrid Application)

This application helped user to take survey. This application can be used by client to load question for the survey and the user can take survey on mobile. It is built using HTML5, CSS3 and JavaScript packaged using Cordova to run on mobile devices.

My Role:-

Developed complete javascript part of the application along with little bit of HTML5 and CSS3.

PartnerOn Boarding Application (Hybrid Application)

This application helps company to manage onboarding of partners. This application gets all the potential partners from the backend and representative are assigned leads. This application gives interface to get details of partner including images of all required documents. It keeps data in the local storage of application if internet is not available and can post whenever internet is available.

Salient Feature

- 1 Shows location of all leads to be pursued on map, along with the current location of the representative.
- 2 Stores data in the local storage if internet connection is not available.
- 3 Runs on mobile devices hence giving flexibility to representative to collect data of partners.

My Role:-

Developed complete javascript part of the application along with little bit of HTML5 and CSS3.

Hobbies

Listening to Music.

Reading novels.

Swimming and playing Cricket.