**Dinesh Kumar Adwani**

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**Objective**

Seeking a challenging opportunity in **Android Applications/Framework**, so that I can excel my carrier and utilize my expertise.

**Professional Summary**

* Working with **Impelsys India Pvt. Ltd** as Technical lead on android e-publishing apps.
* Worked with **Samsung India Software operations** on deputation from **Sasken Communication.**
* Worked on MM Apps like Video Telephony , Voice call , VideoPlayer , Profiling ,Wifi display Allshare SDK.
* Android application development experience using **Android SDK (2.1, 2.2, 2.3, 3, 4.0x)** **frameworks** & bit understanding of middleware (media library).
* Worked on development and commercialization support for three models(Galaxy s, Galaxy s2,Galaxy s3 and Galaxy Tab) with Samsung Electronics in South Korea
* Understanding of JNI (Java Native Interface).
* Vital role in upcoming Samsung smart phones with LTE (4G) enabled
* Strong **JAVA** and **ANDROID** development skills.
* Good understanding of Data structure and algorithm analysis
* Have exposure on Android training for **LG and Samsung** teams.
* Ability to interact with clients, excellent analytic and problem solving skills, team player with excellent communication skills.

**Work Experience Summary**

* Currently working with **Impelsys India Pvt Ltd**. ( Ipublish Central) as Technical Lead for Android Application development from September 2012 to till date
* Worked as an Outsourcing partner with **Samsung India Software Operations, India** on Sasken Payroll from March 2010 to September 2012
* Worked with **Sasken Communication** **Technology, Bangalore** in the role of development and maintenance, on **ANDROID Applications/Framework**, from Feb’2010 to Sep’ 2012
* Worked with **NESS Technology, Bangalore** in the role of development and maintenance for CRM based applications from Sep 2009 to Feb 2010.
* Worked with **FlexeSource Software,** in the role of development and maintenance as a Software Engineer for duration 3rd june 2008 to 2nd june ’09.

**Skill Set**

**Languages:** JAVA, J2EE Android Application/Framework/JNI/NDK/Froyo2.2/GingerBread2.3 SDK, ICS 4.0, Design Patterns, JSON,XML,

**Tools**  **:** Perforce, Putty, Source insight, Eclipse, android tools

**Concepts :** Data Structures , S/W Engineering, Operating System, DBMS, OOPS

**Database :** SQLite, Sql

**Methodology:**  Scrum

**Educational Details**

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| **Course** | **Branch of Engg** | **Year** | **Institution** | **Board/ University** | **Percentage of marks** |
| BE | C.S.E | 2008 | Institute of Technology | Guru Ghasidas central University | 68 |

**Work Experience with Impelsys India Pvt. Ltd.**

1. **Ipublish central reader.**

Brief Project Description:

Ipublish central reader is native epub and pdf reader application available open source

On Google play store.

This product deals with reading epub and pdf files subscribed to customer portals.

You can organize your books into specific shelves , customize your own reading experience

Add notes and highlights to specific passages, bookmark a page, and download content from your Dropbox account and emails . Your last read page , notes , highlights ,and bookmarks are are synchronized across devices when network connectivity is available . The synchronization

Enables you to pick a book from where you have left on another device.

Download ebooks:

* From various ebooks stores hosted on Ipublish central platform
* Non DRM PDF and EPUB from your email , Dropbox and SDCARD

**Responsibilities:**

* Worked on right EPUB and PDF reader framework development .
* Worked on Database development .
* Worked on synchronizing app data across devices.

**OS Used:** Windows

**Tools Used:** Eclipse, Perforce,SVN.

**Language used:** Java, Xml, Android,Json.

**Duration of Project:** September 2012 to till date

**Work Experience with Samsung India Software operations and Samsung Electronics South Korea, HQ**

1. **Video telephony and Voice call**

Brief Project Description:

Video telephony application is circuit switched based video telephony for high end smart phones based on Samsung owned video telephony stack ported for other version of mobile phones (SHP and BADA).

This Application runs in same process to Google default implementation of PhoneApp sharing same Linux user id .

The application uses SISO VT stack for encoding and decoding of video and uses H264 codec

For video transfer.

Interaction of stack with application is maintained through JNI interface

**Responsibilities:**

* Developed VT Application for high end circuit switch based VT stack owned by

Samsung India Software Operations worked in UI modification for latest commercialization.

* Worked on interaction of VT app with VT stack using java native API (basics).
* Worked on interaction with RIL framework for Phone App.
* Worked with Contacts, Bluetooth API, related with phone app
* Involved in commercialization

**OS Used:** Windows

**Tools Used:** Eclipse, Perforce

**Language used:** Java, Xml, Android

**Duration of Project:** August 2010 to till date

**Client:** Samsung India software operations

2. **Profile Application with Enhanced security**

Brief Project Description:

Profile based application are creation of multiple profiles based on time, location

Low battery and general settings.

This profiles deals with maintaining user setting based on its preferences for Location,

Time and Low battery condition .

User can create multiple profiles for location and time and appropriately instruct them to

Work in case of any clash.

All setting will be written to Settings table of android (secure and system setting)

It also covers the entire DPM (Device policy manager) responsibility to maintain device features.

In addition to this profile there is one app lock feature which is implemented in it

**Responsibilities:**

1. Complete settings implementation i.e. reading and writing settings
2. Entire UI implementation
3. Part of profile based content provider

**OS Used:** Windows

**Tools Used:** Eclipse, Perforce

**Language used:** Java, Xml, Android

**Duration of Project:** March 2011 to June 2011

**Client:** Samsung India software operations

1. **EBook Reader**

Brief Project Description:

EBook reader is an application used for reading Epub books which are in html pages format

This application itself used for downloading and reading that epub books by parsing zip directory and reading that Html pages , application also has all the basic functionalities like bookmark saving pages and continue reading and pinch zoom etc.

**Responsibilities:**

* Parsing and extracting of zip files.
* Developing database to maintain continue reading and bookmarked pages
* User interface development

**OS Used:** Windows

**Tools Used:** Eclipse, Perforce

**Language used:** Java, Xml, Android

**Duration of Project:** Feb 2010 to July 2010

**Client:** Samsung India software operations

**4. Multimedia Apps (Video Player, Music Player)**

Brief Project Description:

Video Player and Music player are two apps for Samsung smart phones

Supports playing of music and video files in Samsung devices.

Responsibilities:

• Worked on development of video player, music player (interaction with media framework).

• Developed database to interact with media files

• User interface development

OS Used: Windows

Tools Used: Eclipse, Perforce

Language used: Java, Xml, Android

Duration of Project: Dec 2011 to till now

Client: Samsung India software operations

**5. WifiDisplay and Allshare SDK support**

Brief Project Description:

1. Wi-Fi-Display Application is developed over WifiDisplay framework (Wi-Fi-Direct) by Samsung in order to support video and music playing in any DLNA enabled devices .i.e. Smart T.V.

Support to Video Rendering on Wifi-display (Wifi-direct) is exposed through Samsung customized ExternalSurfaceView.java through which it routed to smart devices.

b.) The AllShare Framework gives you access to your content anytime, anywhere within your AllShare enabled network.

The major things which are supported over allshare framework are Media Share , Control Share

And Screen Share.

Allshare SDK is launched by Samsung to third party developers in order to develop

Application over Allshare framework of Samsung devices in order to support browsing

Of native and remote media content and playing the same to Smart T.V connected through

allshare.

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Responsibilities:

* Worked on enhancement of native players for allshare sdk support
* User interface development
* Worked Wifi Display and All share SDK Control Share Development.

OS Used: Windows

Tools Used: Eclipse, Perforce

Language used: Java, Xml, Android

Duration of Project: Jan 2011 to till now

Client: Samsung India software operations

**Payroll Company**

1. Working on payroll of SASKEN Communication India.

**Work Experience with NESS Technology, Bangalore**

1. **Chordiant Problem Resolution Tool:**

**Brief Project Description:**

Chordiant Problem Resolution tool is actually a Multithreaded Web Service based application which is developed over an open source tool called JIRA. This tool is used for tracking any bug related to product deployed on client-side. This two way applications runs on client-side as well as on vendor side which is actually communicates through Web Services

**Responsibilities:**

* Worked on generation of Web Services using Apache Axis
* Developed Filter using Multithreaded Concepts.

**OS Used:** Windows

**Tools Used:** Ant, Dom4j

**Language used:** Jsp, Hibernate, Web services

**Duration of Project**: September 2009 to February 2010

**Project Experience in Flexesource Software . Bangalore**

1. **Enterprise Management Through Thumb Scanning Device**

**Brief Project Description**

Enterprise Management through thumb scanning device (EMTSD) is a project which takes care of employee management in any firm based on a unique finger print id accessed through a device. The id which is received through a device is used for shift tracking, salary management and security management

**Responsibilities:**

* Involved in development of fixing a salary module ,like searching staff types, pay details
* Involved in development updating attendance of employees using JDBC

**OS Used:** Windows

**Tools Used:** Eclipse, Mysql, Ant

**Language used:** Servlets, Jsp, Hibernate

**Duration of Project:** August 2008 to January 2009

**Personal Details**

**Father’s Name** **:** Dinesh Adwani

**Marital Status** :Single

**Gender** : Male

**Languages Known**: English, Hindi

**Dinesh Kumar Adwani**

**Place: Bangalore, India**