

## JayKumar K Daftary

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### Summary:

Graduate in B.E IT and 2.9 years of Industrial Experience in Mobile application development with Windows phone and Android and 1.5 year of Experience with Windows form application development, Adaptive with new emerging technology, Enthusiastic to learn emerging trends, user experience and user interface designs to build great and most helpful application.

### Professional Synopsis:

- Bachelor Of Engineering in Information Science and Engineering (B.E- IT)
- Microsoft Certification in following technologies(MCTS) With C#
  - 70-536 Microsoft .NET framework 2.0 Application development foundation.
  - 70-526 Microsoft .NET framework 2.0 Windows form application development
  - 70-528 Microsoft .NET framework 2.0 Web application development
- BE Graduate with overall experience of 2.9 year in Application development
- 1 year and 7 months experience of developing Windows phone application
- 1 year and 2 Month experience of developing native Android application.
- 6 Month of experience in .Net Framework 4.0 Windows based application (Internship)
- 1.5 year experience of developing Windows based application with C# (post certification)
- Currently playing role of Software Developer and involved in the System study, Analysis, Development, UI/UX development, Implementation and Manual Testing
- Knowledge and skills to develop efficient mobile applications for Windows Phone, Android and Windows desktop
- Compressive problem solving abilities and self-learner
- Has potential of adopting different platforms and performing

### Technical Skill Set:

Software Languages	C#, XAML, Core Java , C, C++, Core PHP, HTML, CSS
Domain	.NET Framework, Windows Phone, Android
Operating System	Windows, Linux
IDE	Visual Studio 2013, Visual Studio 2012, Visual Studio 2010, Expression Studio, Expression Blend, Eclipse Juno,
Database	SQLite, SQL CE, SQL Server
Other Tools	GIT, SmartGit, Telerik Controls for Windows and Windows phone

## Projects and Libraries :

In descending orders.

### Libraries for Windows Runtime apps

- Collection which enable incremental loading in ListView for Windows Runtime apps.
- Observable List - List which works as Observable collection and some extra methods.
- Flipview with Incremental loading for Windows runtime apps
- Star Rating control for Windows runtime apps.
- HTMLViewer RichTextBlock control for windows runtime apps.
- WrapPanel porting from Windows phone toolkit for Windows runtime apps.
- FlipviewIndicator for flipview slideshow and banners - Easy integration for Runtime apps

Nuget Link : <https://www.nuget.org/profiles/WinDev>

Library Documentation : <http://windowsphonelearning.blogspot.in/>

**Project 1:** Flipkart Retail (E-Commerce) application for Windows Phone (Client site - Flipkart)  
(Ongoing Project)

Flipkart Online shopping app - Let users to browse through various stores, products, offers and shopping through mobile

**Platform:** Mobile – Windows Phone

**Technology:** Windows Phone 8 and 8.1 Universal app SDK, Visual Studio 2013 and Expression Blend, Crittercism - Crash report analysis, Bugsense - Crash/Error report analysis, Omniture - Event analytics, Telerik tools for windows phone 8, Windows Phone toolkit, Windows phone test framework, SQL for Windows phone, JSON, Rest API services, Windows Phone performance analysis tools

**Language:** XAML and C#

### Contribution:

- Responsible for Development and integration of modules
- Creating library and Maintaining same on Nuget server for proper distribution
- Instrumentation and manual testing of modules
- Responsible for UI Development, front-end UI with XAML, C#, MVVM
- Styling and Theming of Entire Application
- Application Performance analysis and optimization of application performance
- Mentoring juniors and Peer code review
- Training to interns for Windows phone and MVVM design patterns
- Played a role of developer and a team member

Store Link: <http://www.windowsphone.com/en-in/store/app/flipkart/e79de9bc-6cdd-42ff-be8d-a75bba0db05e>

**Project 2:** Flipkart E-Book application for Windows Phone (Client site - Flipkart)

Flipkart Ebook app - Let users to read the book, book samples and Purchasing book through Windows phone.

**Platform:** Mobile – Windows Phone

**Technology:** Windows Phone 8 SDK, Visual Studio 2013 and Expression Blend/Visual Studio Blend

**Language:** XAML and C#

**Contribution:**

- Responsible for UI Development, front-end UI with XAML, C#, MVVM
- Styling and Theming of Entire Application
- Played a role of UI-Developer

Store Link: <http://www.windowsphone.com/en-in/store/app/flipkart-ebooks/1aa28c37-3269-45ec-94de-69251648a693>

**Project 3:** Cloud Backup (Client, Offsite)

Allows users to takes backup of data and upload to cloud server

Backup Includes: Contacts, SMS, MMS, Calendars, Reminders, Bookmarks, Music Playlist, Music, Videos and Pictures.

Cloud Integration: Google Drive, DropBox, SugarSync and Personal cloud.

Google play In-App Billing of Android for uploading and purchasing storage space on personal cloud

**Platform:** Mobile

**Technology:** Android 2.3+ SDK, Google Play In-app Billing, Rest API for data.

**Language:** Core Java and XML.

**Contribution:**

- Involved in requirement collection, Application Design and development, UI/UX
- Played a role of developer
- Writing APIs for taking backup/restore of mobile data
- In-App billing of Google play integration
- Google Drive and Sugar sync integration

**Project 4: Test Development Tool (Client, Offsite, Single-handed)**

This application is use for giving training and taking exam based on Windows form Application with .Net framework 4.0 (Change of requirement and performance enhancement)

**Platform:** Windows

**Technology:** .Net Framework 4.0

**Language:** C#.

**Contribution:**

- Involved in analysis of old code and estimation of new requirement and performance enhancement
- Played a role of developer

**Project 5: Do not Disturb - Call /Message Blocker (In House, Offsite, Self-Concept, Single-handed)**

Allows users to block unwanted incoming calls and message as well as block the advertisement calls, keep logs of every blocked calls and messages.

**Platform:** Mobile

**Technology:** Android 2.2+ SDK, SQLite, Android Telephony apis

**Language:** Core Java and xml.

**Contribution:**

- Involved in Requirement collection, Designing and Implementation
- Played a role of developer and Manager, handled the project alone

**Project 6: Smart Sense (In House, Offsite, Self-Concept, Single-handed)**

Allows users to Manages different profiles while user is at office or meeting and make sure he/she do not get disturb during working hours or in meeting, manages device remotely when required.

**Platform:** Mobile

**Technology:** Android 2.2+ SDK, Google Maps, Google Location API, Google Fused location provider API, Android Telephony API(call controlling and SMS APIS).

**Language:** Core Java and xml.

**Contribution:**

- Involved in Requirement collection, Designing and Implementation and Management
- Played a role of developer and Manager, handled the project alone

Store Link: <https://play.google.com/store/apps/details?id=com.techjini.smartsense>

**Project 7:** Supermarket Billing and Inventory Management software. (Pre final year college project 5<sup>th</sup> semester)

Allows Billing/Inventory attendants to manages the inventory of Grocery market, generate the bill for customer purchases, generate the report of inventories, daily customers invoices.

**Platform:** Windows

**Language:** VB 6.0, SQL

**Technology Used:** VB 6.0, MSSQL server 2005

**Contribution:**

- Involved in Requirement collection, Designing and Implementation and Management
- Played a role of developer and handled the project alone

**Project 8:** Real Time Monitoring and controlling system for Client-Server Environment (final year Internship project 7<sup>th</sup> semester)

This application monitor and control the client-system (capture the screen, background processes, CPU-usage, memory-usage, URL monitoring with custom browser, sending message to client-system, killing process on client-system),generate summary of message and process killed. Provided custom web browser to surf websites, a configuration utility to configure client-system, services, delivered by an installation package.

**Platform:** .Net Framework 4.0 - Windows forms

**Language:** C#, SQL

**Technology Used:** Windows form application, Telerik tools for windows

**Contribution:**

- Involved in Requirement collection, Documentation, Designing and Implementation and management
- Played a role of developer and designer

**Project 9:** Website with HTML and CSS for College festival.

This website was design to deliver an information of national level technical fest held in college.

**Platform:** Website

**Languages:** Html 4.01, CSS2

**Technology Used:** Microsoft Expression Studio, Flash

**Contribution:**

- Played a role of designer

**Project 10:** Media Player (during Internship as a learning project)

Allows to play/pause, Stop and seek any media file on Desktop and web browser (Silverlight).

**Platform:** .NET 3.5 and Silverlight 4.0

**Technology Used:** Visual Studio2010, Windows based application with and WPF and Silverlight Controls

**Language:** C#

**Contribution:**

- Played a role of developer