**AAKASH JAIN**

Mobile Application Developer

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| Mobile: +91-9953249522  [aakash.Jain.90@gmail.com](mailto:aakash.Jain.90@gmail.com) | Sun certified Java Programmer |

**OBJECTIVE**

To work with an organization that offers responsibility, challenges and growth along with an opportunity to utilize my talents, knowledge and expertise to the best of my capabilities.

WORK EXPERIENCE

Interra Information Technologies, NOIDA(July 2011 – Till Date)

Designation - Mobile Application Developer (MTS-L5)

**SKILLS SUMMARY**

* More than 2.9 years of experience in building applications for mobile platform: Android, Android tablets &iPad devices.
* Delivered 5 Successful applications for Android available on Google Play store or Customer market place.
* Explicit knowledge of Android OS architecture and mobile application software development.
* Developed android library containing set of reusable components having business logic for core, device admin, social media integration, and retail sector.
* Handle device orientations for UI and app lifecycle events.
* Push Notification implementation via Google cloud messaging.
* Good knowledge of client server communication, Json parsing, local storage and device database operations in android.
* Provide multiple language and localization support in the applications.
* Client Calls handling, requirement documentations, solution/architecture designing.
* Exposure in Augmented Reality and developed both 3D and 2D AR applications.
* Worked upon the development of mobile device administration framework and remotely controlling mobile device via App Server.
* Worked upon android NDK C++ code development using Cygwin & integration by JNI.
* Awarded InterraIT spot bonus award for Augmented Reality 3D and 2D application.
* Executive member (Technical supervisor) of CIPHER coding club, Amity University.

**MAJOR CLIENTS**

* Mazda (Mazda North America Operations)
* Pitney Bowes
* HP (Hewlett-Packard)
* Verio

**CERTIFICATIONS**

**Sun certified Java Programmer (SCJP)**

J2SE Java-1.5 Edition

Year of certification: 2010

**PROJECT EXPERIENCE**

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| 1. **MyMazda (Mazda North America Operations)** | |
| **Platform** | Android |
| **Contribution** | App is designed for Mazda car customers assisting them in their car maintenance, finding car location, locating nearest service dealers services etc. As a team member responsible for designing app layout, content searching, Json/xml parsing and posting data to server, implementing Google map for locating dealers & searching car location along with push notification feature via GCM. Also developed animated milestone custom view that animates along with user finger swiping consisting various milestones placed alongside of road assisting customers for service maintenance schedule. |

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| 1. **HP Videobook (HP. Hewlett-Packard)** | |
| **Platform** | Android Tablets |
| **Contribution** | This is a videobook application that provides a PDF reader an enhanced, immersive learning experience by augmenting pdf text with relevant videos.  As a team member responsible for UI designing, muPdf library to .so lib conversion & integrating for pdf rendering, uploading PDF doc to server & fetching related videos for display, Json Parsing, playing content related videos, handling orientation, video likes/dislikes & managing them into user phone database. Also implemented pdf file browsing, add to favourite & recently viewed document listing. |

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| 1. **PBSecure Verifier (Pitney Bowes)** | |
| **Platform** | Android |
| **Contribution** | This is a QR Code scanning application used for scanning important info on Pitney documents. As a team member responsible for implementing QR Code scanning, Integrating Zxing library. Also injected white pixels into camera returned bitmap using native c code like Sobel enhancing app performance by reducing QR code scanning time. |

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| 1. **Augmented Reality – 3D (Mazda), 2D** | |
| **Platform** | Android |
| **Contribution** | This is a 3D AR app using vuforia framework that virtually creates a 3D model of the Mazda car as soon as the device camera hover over tracking paper by which user can experience the live car model & view it in 3D perspective, can also view vehicle high detailing by zooming & rotating camera around the paper along with car customization features. As an individual, develop the app from scratch. Responsible for conversion of 3D obj model to .h header files using python scripting. Also Generating 3D car model in cpp code & adding car rotation, door closing/opening, texture change features using vuforia framework along with integrating Native cpp code in app using JNI and generating .so lib using Cygwin. |

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| 1. **Android Library (MDM + Retail)** | |
| **Platform** | Android |
| **Contribution** | This project aims at building a core library that consist the set of reusable components which can be reused in any android app by the developers on as is basis. As an individual developed the library containing business logic for components belongs to Retail Sector (shopping cart, PayPal payment), core components (DB handling, network handling), implementation of social networking (Facebook, twitter), push notification along with MDM components etc. with complete documentation making it easier for integration in the various android projects. |

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| 1. **Interactive Sales Experience App (Mazda)** | |
| **Platform** | iPad |
| **Contribution** | This is an Interactive Sales iPad app used by Mazda dealers for Mazda vehicle demonstration to the customers. As a team player responsible for designing & developing app UI using Sencha-Touch framework using MVC structure standards. Provide app-server communication using Sencha stores, Ajax, Caching, Handle xml response parsing and also user navigation. |

**PROOF OF CONECPT APP**

Along with the stated projects, also developed various proof of concept (POC) applications: Augmented Reality-2D, eChallan System, Mobile Device Management (Ranbaxy), Phone call Manager (Videocon) etc.

**TECHNOLOGIES**

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| Mobile technologies | Android, Augmented Reality, Vuforia framework, Min-3D framework, Android NDK, OpenGL |
| Programming languages: | Core Java, Android Java, C++ |
| Open Source Platform | Android |
| Database technologies | SQLite, MySQL |
| Web Technologies: | Sencha-Touch 2.1, JavaScript, Html, CSS |
| Software Known: | Eclipse (IDE), Cygwin , Android Studio |

**EDUCATIONAL QUALIFICATION**

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| **Course** | **University/Board** | **Year** | **Performance** |
| B.Tech (CSE) | Amity University,  Noida, U.P | 2007 - 2011 | CGPA - 6.60 |
| Class XII | C.B.S.E. | 2007 | 73% |
| Class X | C.B.S.E. | 2005 | 72% |

**PERSONAL DETAILS**

Father’s name: Sh. Sanjeev Kumar Jain

Date of Birth: January 11, 1990

Gender: Male

Marital status: Single

State: Delhi

Nationality: Indian

Hobbies: Guitar, Singing, Swimming,Driving, Surfing Internet

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