**Chandrasekhara Rao Majji**

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| **Email**: [sekhar15aug@gmail.com](mailto:sekhar15aug@gmail.com), sekhwg.wdwg@gmail.com | #21, 2nd Floor, 4th Main, Sadananda Nagar, NGEF Layout,  Bangalore - 560038 | **Mobile**: +91 9008209000, 8956231254 |

***Professional Summary***

Mobile Application Developer having 7+ years of experience, with the following salient points:

* Worked on design, development and integration of mobile applications.
* Rich working experience on Android SDK, JNI development and debugging android applications.
* Worked on couple of android SDK development (DLNA Allshare and Location Based Services).
* Rich working experience on DLNA profiles development.
* Handled customer projects in the area of mobile applications at client place (Korea).
* Involved in all the different phases of the product development till the closure.
* Proficiency in resolving operational issues throughout the life cycle of the project.

***Educational Qualifications***

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| **Degree** | **University** | **Year of passing** | **Specialization** | **Grade/Percentage** |
| M.Tech. | National Institute of Technology(NIT), Nagpur | 2007 | Embedded Electronics | 7.4 |
| B. Tech. | Nagarjuna University, AP | 2004 | Electronics and Communications | 69% |

***Academic Achievements***

* **All India Rank** of **901** with **97.55** percentile in GATE 2005.
* **School Topper** and Best Outgoing Student in SSC.

***Professional Experience***

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| **Company** | **Designation** | **Year** |
| **QuickPlay Media Pvt. Ltd.** | **Technical Specialist** | **Nov 2014 to Till Date** |
| CIBERSites India Pvt.Ltd. | Senior Consultant | Aug 2014 to Oct 2014 |
| Samsung India Software Operations Pvt. Ltd, Bangalore. | Technical Lead Engineer | May 2010 to July 2014 |
| Teamwear Solutions, Chennai. | Embedded Design Engineer | Nov 2009 to May 2010 |
| Couth InfoTech Pvt. Ltd, Hyderabad. | DSP Programmer | Dec 2007 to June 2009 |

***Technical Expertise***

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| **OPERATING SYSTEMS** | Windows, Linux, Android |
| **KEY SKILLS** | Android SDK, Core java, JNI, REST, JSON, Web Services (Client Side), C++, DLNA. |
| **DEVELOPMENT ENVIRONMENTS** | Android Studio, Eclipse, MS-Visual Studio, TI- Code Composer Studio, Source Insight |
| **DOMAIN KNOWLEDGE** | **Mobile** Applications and **DSP** Audio and Speech Codec’s |
| **TRACKING TOOLS** | SVN, Perforce, Git, ClearCase, RTC, Source Tree, JIRA, Bugzilla |

***Project Details***

**Android Projects:**

**Project**: Test Automation for Android VSTB (Virtual Set-Top-Box) Library.

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| **Company** | QuickPlay Media (P) Ltd |
| **Customer** | QuickPlay Media |
| **Roles** | designing and development |
| **Duration** | Nov 2014 to till date |

Description:

This project involves design and development of Android test automation framework for android VSTB library. VSTB (virtual-set-top-box) is a android library and provides LiveTV and VoD (Video on Demand) APIs to client applications. Creating generalised test framework to test the library manager APIs and player manager APIs.

**Project**: Android SDK for Location Based Services.

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| **Company** | Samsung India Software Operations (P) Ltd |
| **Customer** | Samsung Electronics, Korea |
| **Roles** | Software designing and development |
| **Environment& Tools** | Eclipse, Core Java, Android SDK, REST, JSON, Web Services (Client Side). |
| **Duration** | June 2013 – July 2014 |
| **Key Specs** | 1. Design and devlopment of Android SDK Indoor Location Based Services. 2. Implementation of Location Based Services positioning module. 3. Debugging and fixing issues for Android Location Based Services SDK. 4. Leading the LBS team with technical and managirial roles. |
| **Responsibilities** | 1. Design, Development and Deployment 2. Customer Interaction 3. Debugging and Release |

Description:

This project involves design and development of Android Indoor Location Based Services SDK and application, LBS SDK is to provide the location based services to the android developers. LBS SDK includes display of indoor maps, tracking user position, point of intrest and geofencing.

**Project**: Android DLNA DMR (Digital Media Renderer).

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| **Company** | Samsung India Software Operations (P) Ltd |
| **Customer** | Samsung Electronics, Korea |
| **Roles** | Software designing and development |
| **Environment& Tools** | Window and Linux, MS-Visual Studio, Eclipse, Core Java, Android SDK. |
| **Duration** | May 2011 – June 2013 |
| **Key Specs** | 1. Designing of DLNA DMR Profile according to customer Requirements. 2. Implementation of DMR profile using C++ boost libraries. 3. Implementation of DMR Profile as Android Remote Service and Android Image, Audio and video players for DMR Profile. 4. Implementation of JNI and Porting DMR profile on android devices. 5. Debugging and fixing issues for windows, linux and Android platforms. |
| **Responsibilities** | 1. Planning, Design, Development and Deployemnt on Android 2. Customer Interaction 3. Debugging and Release |

Description:

This project involves design and development of a DLNA digital media renderer for rendering a media content from media server and it provides the rendering controls to the upnp control points. So that control points can control the renderer with control actions like play, pause stop.

**Project**: Android UPnP Telephony UI.

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| **Company** | Samsung India Software Operations (P) Ltd |
| **Customer** | Samsung Electronics, Korea |
| **Roles** | Software designing and development |
| **Environment& Tools** | Linux, Eclipse, C++, Core Java, Android SDK. |
| **Duration** | May 2010 – May 2011 |
| **Key Specs** | 1. Designing and Development of UPnP Telephony profile using SRS. 2. Implementation of Android AddressBook, FileTransfer and Phone Call UI. 3. Implemented usecases on telephony and filetransfer using upnp. |
| **Responsibilities** | 1. Design, Development and Deployement on Android 2. Customer Interaction 3. Debugging and Release |

Description:

This project involved developing of upnp telephony profile for telephony capabilities using upnp protocol. Upnp telephony is to provide a means for interactions between telephony devices and other (non-telephony) devices, without using native telephony features.

**DSP Projects:**

**Project**: Implementation and Performance Improvement of Ogg Vorbis I Decoder.

**Project**: Implementation and Performance Improvement MPEG Layer3.

**Project**: Implementation and Performance Improvement EVRC-B & WB (Enhanced Variable Rate Codec-B & WB).

**Project**: Implementation and Performance Improvement MSRTA (Microsoft Real Time Audio).

***Roles and Responsibilities***

1. Technical Lead

* Complete planning and tracking of all phases of the project starting from detailing of requirements.
* Regular communication with the customer in the form of conference calls and weekly reports.
* Communication with dependency teams for obtaining components and other support.

1. Developer

* Designing and developing the features listed as part of the requirements.
* Debugging any issues that arise during component development and integration.
* Discussions within the team for betterment of the product performance.

1. Team Member

* Discuss and provide valuable feedback to the Manger for team building and synchronized growth.
* Drive multiple team level non-project related activities for increasing efficiency in daily tasks.

***Personal Details***

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| Full Name | Chandrasekhara Rao Majji |
| Date of Birth | 1st June, 1982 |
| Nationality | Indian |
| Languages Known | English, Telugu, Hindi |
| Marital Status | Married |
| Gender | Male |
| PanNo. | SDFGV1023R |
| PassportNo. | D1234567 |

All the Information declared hereby is absolutely correct and true to the best of my Knowledge.

**[Chandrasekhara Rao Majji]**