nitingupta180@gmail.com   **Nitin Raj Gupta**   +91-886-742-6242

EMPLOYMENT

Software Engineer	**Motorola Mobility, Bangalore, India**	**Apr, 2014 – Present**

Smart Calling (Assist)
- Implemented **Downlink Module** for Smart Calling in Motorola's **Assist** Framework. Implemented Speech-to-text for Nuance Engine and Google Online STT. Wrote grammer for Nuance Engine for recognizing valid speech.
- Implemented and Demoed Assist-on-the-fly to **VP, Apps & Services** as proof of concept.

Mesh
- Implemented **Contribute Module** for contributing media files for sharing.

Senior Software Engineer	**Samsung Research, Bangalore, India**	**Apr, 2013 – Mar, 2014**

HomeSync Server Solution
- Was working on **Context-aware system** in HomeSync to automate daily work of a person as per his/her daily routine. Used **Z-wave** devices to collect context data of surroundings. Used **OpenPNL** library for **Bayesian Networks.**
- Implemented **Photo Grouping** feature in HomeSync for grouping images based on Person's face in the images. Used **OpenCV** library for **Face Detection** and **Face Recognition**.
- Implemented plugins of **Dropbox**, **SugarSync**, **SkyDrive**, **NDrive** and **VDisk** in HomeSync Personal Cloud from Samsung, supporting upload/download to/from external cloud storage provider on HomeSync using Samsung Link on Mobile as a controller.
- Defined ReST APIs for upload/download. Designed architecture of External Storage Service Provider module in Home Sync which can integrate any third party cloud services provider like Dropbox, SugarSync, SkyDrive, NDrive and VDisk.

Software Engineer	**Samsung Research, Bangalore, India**	**Apr, 2012 – Mar, 2013**

AllShareFramework Development
- Reduced time to process a file transfer request by 20%, by caching session information efficiently, so that synchronous call does not have to wait for a long time.
- Added support for functionalities like zoom (for image), playing web content to TV, getting file transfer progress etc.
- Enhanced the algorithm to detect media renderers and media servers of any version number.

Systems Engineer	**Infosys Limited, Bangalore, India**	**Jun, 2011 – Apr, 2012**

Reward Management Portal
- Worked on the development of Reward Management Portal for British Petroleum. Implemented algorithm to calculate rewards for each employee based on their performance according to business rules.

EDUCATION

Jabalpur, India	**Indian Institute of Information Technology**	**Aug, 2007 – Apr, 2011**

- B.Tech. in Computer Science and Engineering, CGPA – 8.8/10

Shahjahanpur, India	**S.S.M.V.**	**Apr, 2003 - Apr, 2005**

- Intermediate School (12th Standard), with 79.4%, High School (10th Standard), with 78.8%

LANGUAGES AND TECHNOLOGY

- C, C++, Java (Core), Android Development, SQL, MS Visual Studio, Eclipse IDE

AWARDS AND RECOGNITION & ADDITIONAL ACTIVITIES

- Won **Motorola Hackathon 3.0** for "**Interactive Gallery".** Implemented Image detection and recognition for the idea.
- Keen interest in programming and learning new subjects. Interest in quizzing and solving Sudoku.
- **Developed and published my first android app on play store on 21st Feb (Link :- [My App](My App))**