# Navratan Soni

Email : navratansoni70@gmail.com
Contact : +91 9971611288

---

## Objective

------------------------------------------------------------------------------------------------

To achieve excellence in working as professional offering solutions using the best available where my technical and analytical abilities are used maximum for growth of organization and to grow with organization.

## Education

------------------------------------------------------------------------------------------------

| Examination | University / Board | Session | GGPA / % |
|---|---|---|---|
| B. Tech | MANIT, Bhopal | 2009 - 2013 | 8.73 |
| 12th | Rajasthan Board | 2007 - 2008 | 86.15 |
| 10th | Rajasthan Board | 2005 - 2006 | 91.17 |

## Work Experience

------------------------------------------------------------------------------------------------

**Samsung R&D institute, Noida  (2 years)**
*Engineer (R&D Department – Android applications)* (*June 2013 – present*)

- As a member of Snote Technical group, worked on different application like SNote and SMemo
- Worked as a member of idea and innovation team for providing suggestions to improve the existing application, or to suggest new patentable ideas.

## Technical Skills

------------------------------------------------------------------------------------------------

- **Professional Android Application Development**
- **Programming languages:** Java**,** C, C++
- **Computing:** Data Structure, Algorithms.
- **Database:** SQLite
- **Software:** Proficient in use of Android Studio, Eclipse and Adobe Photoshop,

## Academic projects

------------------------------------------------------------------------------------------------

<u>Major Project</u> :
**Image histogram equalization using parallel processing with OpenCL (GPU Computation), to correct the contrast of images (Team of 4)**
**Mentor : Dr. Nilay Khare - Head, CS-IT department, MANIT Bhopal.**
Implemented the algorithm of image histogram equalization in parallel manner to automatically correct the contrast of overly exposed or under exposed images. Used algorithm runs on GPU with use of OpenCL in C++.

**<u>Minor Project</u> : Hardware Implementation of CORDIC processor (Team of 3)**
**Mentor : Dr. Nilay Khare - Head, CS-IT department, MANIT Bhopal.**
Implemented in VHDL, Module uses an iterative process to evaluate sine and cosine of given angle using only binary shifts and accumulators.

## Activities and achievements
-------------------------------------------------------------------------------------------------------

**Notify and Alert Application for a group/organisation (in group of 2)**
Android Application for notifying important messages within a group or organisation. Information like timing of meetings, urgent follow up, reminders, or anything can be notified. Messages are added to server, and the application fetches new notifications from the server.

**Competitions**
- Won the image designing project over stalkninja.com http://stalkninja.com/project/502 .
- Secured $1^{st}$ rank in Codesprint –Evernote, August 2012,  online coding competition held by Evernote on interviwestreet.com.

**Institutional events**
Organized a two-day short training program on of Adobe Photoshop for college student and worked as instructor and tutor, as a member of Vision, the technical society of MANIT.

**Working positions**
· Member,  Web and organizing team of Technosearch 2011.
· Member, Web Club 2011-12, the official web team of MANIT.
· Member, Designing and Web team of Inter-NIT Robotics Championship 2011.
· Member, Web Team, Vision, the technical society of MANIT.

## Personal details
-------------------------------------------------------------------------------------------------------

| | | |
|---|---|---|
| Date of Birth | : | 28 November, 1990 |
| Contact | : | +91-9971611288 |
| Email | : | navratansoni70@gmail.com |
| Current Address | : | C-4, Plot number 220, Gyan Khand-1, Indirapuram, Ghazibad |