

# Rahul Nahata

Lead Engineer  
B.tech Computer Science

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Internship  
Education  
Projects  
Experience  
Responsibilities  
Achievements



## PERSONAL STATEMENT

I'm a 25 year old Computer Science Engineer from Delhi, India. I am a result driven individual accomplished in design and development of software solutions. I might not know everything at first but given a problem i can find its solution.

I have 4 years of experience working as a Engineer in Samsung Research India, Noida with proficiency in Object oriented infrastructure and readiness to adapt to company needs.

I love working with people, specially if they have the same passion I have for what they do.

Why don't we work together?

Go futher down to see why I am the man you need to hire!

## CORE COMPETENCIES

- Object Orented Programming
- Wireless Sensor Networks
- Computer Networks & Communication
- Computational Photography
- Distributed Client/Server Systems
- Data structures and algorithms
- Health Care systems
- Intelligent Instrumentation & HCI
- Biometrics
- Statistics & Data Analysis

## TECHNICAL SKILLS

01 Computer	02 Knowledge
C	Linux
C++	Windows
JAVA	Software Designing methodologies
PHP	Digital & Analog Electronics
HTML & CSS	Signal Intelligence
R	Bigdata
Shell Scripts	Android
OOP/D	
MATLAB	
TCP/IP, UDP	
SCILAB	
Qualnet	
LabView	
Visual Studio,	
SQL, ORACLE	

## TECHNICAL PROJECTS

- Inhouse tools as a part of Work Smart Initiative** 2015-16  
Implementation of Inhouse tools:  
1. Real time log analysis, with predition of similar issues & dropbox feature.  
2. Automation for verifying checklist during OS upgrade with EXCEL report.
- Software Download through SMP** 2014  
Implementation of SMP to speed up the binary download during factory process. Reduced Time by 40%.
- 3 Lead ECG Test by Mobile Devices** 2014  
Designed and Developed a Mechanism to calcaulte 3 lead ECG through Mobile Devices
- Blind Signal Demodulator Using NI equipments** 2012-13  
Designed a standalone system for Blind Signal Demodulation capable of detecting most modulations schemes and then demodulating it as a part of B.Tech project
- ASHA Tablet** 2012  
Worked on the measurement of various Health Care Vitals using Sensors as a part of IIT Jodhpur's Health Care Device.
- HDR Photography & Tone Mapping** 2011  
Worked on Fcam to implement HDR photography and tone mapping algorithms on NVIDIA TEGRA Tablet as part computation photography course

## LANGUAGE SKILLS



## EDUCATION

- May 2009 to April 2013, B.Tech  
Computer Science and Engineering, 8.82/10  
Indian Institute of Technology Jodhpur, Rajasthan
- 2008, XII Boards  
84.5% (CBSE)  
Aklank Public School, Rajasthan
- 2006, X Boards  
82.5% (West Bengal State Board)  
Shri DaulatRam Nopany Vidyalaya, Kolkata

## WORK EXPERIENCE

- 4** From 2013 to current  
Lead Engineer  
Samsung Research India, Noida
- Engineer for Commercial R&D team for providing assistance in production line with various function tests, automation, updates and RF calibration in Android and other platforms.

## INTERNSHIPS

- Bengaluru India**  
Technical Marketing Intern, National Instruments India  
Designed a VI to convert an Image into its chromaticity co-ordinates.  
Designed a Presentation and demonstration on Wireless Sensor Networks and Presented at the 3rd Annual DAQ conference in PUNE.
- France**  
Research & Development Intern, University of Technology Troyes  
Researched under prof. Hichem Snoussi, as a part CAPSEC Research Programme, working on Monitoring and Applications of Wireless Sensor Networks and on aspects related to Geo-localization.

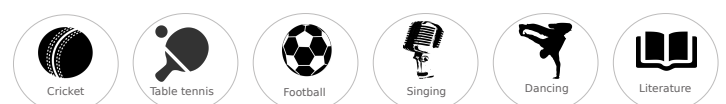
## RECOGNITIONS

- PASS**  
Building a Search Engine  
Successfully completed the course on with Highest Distinction  
UDACITY
- 1st**  
Winner of the Intra-College Programming competiton.  
IIT Jodhpur
- 2813**  
Achieved All India Rank - 2813 among 384977 candidates in 2009.  
IIT-JEE

## POSITION OF RESPONSIBILITIES

- ★** M.A.D. Joint Executive in 2011 and executive in 2012-13.  
MEDIA , ARTS & DESIGN, IIT JODHPUR
- ★** Marketing and Promotional Head for the Inter College Cultural Festival.  
TAKSH, 2011
- ★** Promotional head of the first sports and techno-cult festival of IIT Jodhpur.  
IGNUS, 2012

## EXTRA-CURRICULAR ACTIVITIES



## HOBBIES & INTERESTS

