ISHAN KUMAR SARANGI

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CAREER OBJECTIVE

      To work in a progressive organisation with committed and dedicated people, which will help me to explore myself fully, realize my potential and help the organization to keep pace with the Global Competition.

EDUCATIONAL QUALIFICATION

Name of the examination	Board / University	Institution	Year of Passing	Percentage / CGPA(10)
B.TECH (Dept. of Electronics and Communication Engineering)	NITR	National Institute of Technology, Rourkela	2014	**8.10**
12th	CBSE/AISSCE	Kendriya Vidyalaya No.-1, Bhubaneswar, Odisha	2009	**90.4%**
10th	CBSE/AISSE	Kendriya Vidyalaya No.-1, Bhubaneswar, Odisha	2007	**90.6%**

COMPUTER SKILLS

Languages   **: Swift, Objective C, C, C++, Matlab, C#, Assembly/Embedded, Java (learning), SQL**

Web Technology   **: HTML, XML, CSS, ASP.NET (basics), node.js, MongoDB,Cloudant**

Applications   **: Siebel CRM, Microsoft Visual Studio 2010, Dreamweaver, Multisim 11.0, Lab View, Matlab, Xilinx, AutoCAD, Proteus, Ride, keil, SQL server,   Microsoft Office 2003-13, Adobe Photoshop**

Assembly Language   **: Micro-controller 8051, 8086, 8085, PIC Controller, ARM 7**

Operating Systems   **: iOS, Windows XP/vista/7, OSX, Linux (learning)**

Courses undertaken (electives)   **: Object Oriented Programming and Web Application Using C#, RDBMS**

WORK EXPERIENCE

Company   :   **IBM India Pvt. Ltd.**

Designation   :   **iOS Developer (Apple + IBM Partnership)**

Roles and Responsibilities   :   **Responsible for development of iOS applications on enterprise mobility**

FINAL YEAR PROJECT

      IMAGE MOSAICING FOR PANORAMIC IMAGES
- using **Harris Corner detection** method for feature detection and
- **RANSAC** to find feature correspondences between two images using MATLAB.

SUMMER TRAINING (INTERNSHIP)

      Successfully completed a project titled **"PC Based Serial Time Code Server and Client and Data Packet Transmission in Unicast and Multicast Mode"** at Integrated Test Range (ITR), Defence Research and Development Organization (DRDO), Chandipur, Balasore during summer 2013. The project included:
- understanding of serial and parallel port communication and various protocols.
- developing a serial time code server and client interface for the transmission of data packets in unicast and multicast mode to reduce the congestion caused by time code reader in large organisations like DRDO.

TRAININGS

1. ADVANCED EMBEDDED SYSTEMS from CENTRAL TOOL ROOM AND TRAINING CENTRE (A Govt. Of India society- an Indo-Danish project under ministry of MSME)
   - Basics of embedded systems

- Programming, addressing & interfacing of 8051 microcontroller using C and Assembly language
- Introduction to PIC controller and basics of ARM7 processor
- Basics of PCB designing

2. INDUSTRIAL AUTOMATION (PLC PROGRAMMING) from CENTRAL TOOL ROOM AND TRAINING CENTRE (A Govt. Of India society- an Indo-Danish project under ministry of MSME)

3. Workshop on Image Processing Based Robot Involving Colour Recognition & Gesture Control conducted by ARK Technosolutions.

ACHIEVEMENTS

- *Second in PROGRAMVARE PROMOTEUR in INNOVISION-2012, Annual Techno-Management Fest of NIT, Rourkela.*

- *Winner of the paper presentation competition,* **JNANAGNI'12** *organised by NITR Alumni Association for the paper –* "**Butanol Based Hybrid I.C. Engine**".

- *Winner of QUIZOVISION in INNOVISION-2012, Annual Techno-Management Fest of NIT, Rourkela.*

- *Level-1 big debate winner in future space scientist program conducted by* **Oracle Think.com** *in class 12th.*

- *Finalist in DIGITAL POSTER DESIGNING in future space scientist program conducted* **by Oracle Think.com** *in class 12th.*

- *An Active Participant and School Topper in* **Science and Cyber Olympiad** *organized by Science Olympiad Foundation.*

- *Finalists in All India Inter AECS/AEJC Science Exhibition for* "**Innovative Technology in AIR Flight**".

EXTRA-CURRICULAR ACTIVITIES AND LEADERSHIP POSITIONS

- *Selected for the development of an Online Conference Management System for the institute.*

- *Head of Administrative section of* **Electronics Engineering Student Society (EESS)**, *NIT Rourkela.*

- *Active member of* **Society of Automotive Engineers(SAE)**, *NIT Rourkela*

- *Core team member of* **Innovision'11 and 12**, *annual techno-management fest of NITRKL*

- *Organising member of* **International Students Meet 2012 and 2013.**

- *Captain of institute Volleyball team in 2013-2014 and Members of the team for consecutive 4 years (also represented my school team).*

- *Winners in the Volleyball tournament in Inter-NIT and Sports Festival 2013-14 and have won many inter-hall and intra-hall games.*

- *Winners in Inter AECS Basketball meet.*

PERSONAL DETAILS

NAME	: Ishan Kumar Sarangi
DATE OF BIRTH	: 09th October 1991
FATHER'S NAME	: Ananta Charan Sarangi
MOTHER'S NAME	: Saroja Sarangi

STRENGTHS

Confident, Determined, Industrious and Amiable.

HOBBIES

Solving Sudoku, listening to music, playing volleyball, basketball, pc games, chess and carom.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

- Ishan Kumar Sarangi