SHAILESH MOTA   B.TECH

Branch   : INFORMATION TECHNOLOGY

Gender   : MALE

Reg. No.   : 06IT46

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PRESENT ADDRESS	PERMANENT ADDRESS
ROOM NO. D-612, MEGA-BLOCK NITK HOSTEL SURATHKAL SRINIVASNAGAR P.O. 575025	28,BANK COLONY CAMP ROAD, TALAB TILLO JAMMU (J&K)

B.TECH   DETAILS

SEMESTER	YEAR	S.G.P.A	C.G.P.A
SEMESTER 1	DEC 2006	8.57	8.57
SEMESTER 2	MAY 2007	8.83	8.69
SEMESTER 3	DEC 2007	8.52	8.64
SEMESTER 4	MAY 2008	8.25	8.54
SEMESTER 5	DEC 2008	8.96	8.63
SEMESTER 6	MAY 2009	8.08	8.55

PRE DEGREE, 10+2th, 10th DETAILS

DISCIPLINE	INSTITUTION	UNIVERSITY /BOARD	YEAR	% MARKS
Xth	MHS, NAGBANI JAMMU	CBSE	2004	87.8
XIIth	MHS, NAGBANI JAMMU	CBSE	2006	85

SUPPLEMENTARY INFORMATION

EXTRA CURRICULAR ACTIVITIES

1.) Student member of the IEEE chapter in college.
2.) Secured 7th rank in J&K (6421th rank all over India) in the All India Entrance Examination AIEEE 2006, among the 6,00,000 who took the examination.
4.) Member of the organising commitee of Engineer 2008 and Engineer 2009, the annual technical symposium of NITK.
5.) Member of the organising commitee of Incident 2007,2008 and 2009 , the annual cultural festival of NITK.
6.) Class representative for the year 2008-2009.
7.) An active member of Dance ,Dramatics and Fashion club of our college.

ABOUT MYSELF

My hobbies:- Adventure sports, Browsing net, Reading novels, listening to music.
Interests:-Computer Networks, Multimedia Processing and Database Management.

CO-CURRICULAR ACTIVITIES

PROJECTS:-

1.) Graphics Editor

As part of the B-Tech curriculum, completed a Graphics editor project. The Graphics editor had features like drawing lines, circles, polygons, clipping, translations, rotations, scaling and 2D animation. All the above features were implemented using various different and efficient algorithms taught during the Computer Graphics course. The project was implemented in C.

2.)minRel Project

As a part of B-Tech curriculum, completed a mini project that can create relation and query the created relation. User enters command that is parsed and can even use the GUI for the same purpose using Netbeans(Java).It implemented functions like Create, Insert, Destroy, Describe, Load, Print, Delete, Select, Project and Equi-Join based on a set of format included in GUI.

3.)Database Management Project/ Software Engineering project

As a part of the B-Tech curriculum, completed a project titled 'Computer Sales Management System'. The project included sale of Work Station, laptop and peripherals. A detailed report including physical and logical design with system requirements for the project was also submitted. 'Oracle 10g' was used as a back end. The graphical user interface and front end coding was done in VB frame work.
Same project was implemented for other course (software engineering)using Drupal(CMS),MySQL server.

4.)Summer Project/Intern(2008,May-June)

Math Editor:-
Built a editor with capabilities of writing and editing mathematical functions along with basic text editing features as a Summer Project under the guidance of Prof. Tim Poston (http://geocities.com/nias_mmu/poston.htm) at National Institute of Advanced Sciences, Bangalore(http://nias.res.in/).

2 by 2 Mathematics :-

CO-CURRICULAR ACTIVITIES

Worked on a alternative approach to learn the basics of mathematics and developed a website for displaying this approach again under the guidance of Prof. Tim Poston (http://geocities.com/nias_mmu/poston.htm). Developed java applets to demonstrate principles of the 2by2 method of understanding mathematics.

5.) Summer Project (2009,May-June)

Perceptual Audio Coding:-
Worked on the topic 'perceptual audio coding' ,under Dr. G. Ram Mohana Reddy HOD, DEPT. OF INFORMATION TECHNOLOGY NITK, SURATHKAL, that involves removal of parts of the signal, in an audio sample ,that human cannot perceive using psychoacoustics models. Under this project, perceptual audio coders for MPEG-1 LAYER-1 (mp1) and MPEG-1 LAYER-3 (mp3) were simulated using MATLAB. Audio samples converted to mp1 and mp3 formats were tested for quality and (desired) compression.

SEMINAR:-

1.) Gave a seminar on the topic "Secured Route Optimization in MIPv6" under professional practice course curriculum.
2.) Gave a seminar for recruitment of freshers in NITK IEEE Student chapter on the topic "Roles and Activities of NITK IEEE Student Branch".

REFERENCE 1 :   REFERENCE 2 :

Dr. G. Ram Mohana Reddy   Prof. Timothy Poston
DEPT. OF INFORMATION TECHNOLOGY   Chief Scientist PADO
NITK, SURATHKAL   Sir Ashutosh Mukherjee Professor,NIAS Bangalore.