SIBANI MOHANTY

Enthusiast, Hard working and Extrovert with good communication skills

📞 **9981911502**

@ **sibanimhnty@gmail.com**

🔗 **www.linkedin.com/in/sibanimhnty**

📍 **PDPM IIITDM Jabalpur, Madhya Pradesh, India**

SUMMARY

To work in an organization that offer a uniquely varied and fascinating working environment where my skills can be utilized into projects which can make an outstanding global impact

EXPERIENCE

Digital Marketing

Saamac.com

📅 Aug 2015 - Sep 2015 📍 Jabalpur

🔗 http://samaac.com/

Company Description

- Working on client's social media accounts was my key responsibilities.
- I used Facebook Graph Search to learn more about who their Fans are and what other things they like to craft their marketing messages as well as set up interest targeting for their advertising.
- I created Facebook updates for clients and used Adobe Photoshop for the visual marketing.

EDUCATION

Bachelor of Technology(Computer Science and Engineering)

PDPM IIIT Design and Manufacturing,Jabalpur,Madhya Pradesh

📅 Aug 2014 - ongoing

GPA **8.3** / 10

XII- Science (CBSE)

Kendriya Vidyalaya Central Railway,Solapur,Maharashtra

📅 Apr 2012 - Mar 2013

GPA **94.6** / 100

X(CBSE)

Kendriya Vidyalaya Central Railway,Solapur,Maharashtra

📅 Apr 2010 - Mar 2011

GPA **10** / 10

TECHNOLOGIES

Programming Language

Java C Python SQL

Operating System

Linux Windows

Database

Oracle MySQL

GUI Development

HTML CSS Bootstrap JavaScript Php

Graphics application

Opengl

Versioning system

git

Software Packages

Solidworks

PROJECTS

Student Education Management System in Database and Management

Here we developed a website where students can have access to all academic year's question paper and their solution, books, lectures and ask doubts.

- Backend Technology used : Wampserver , MySQL.
- Frontend Technology used : HTML5, Bootstrap, CSS , PHP
- SQL injection problem was handled.
- Different abstractions for different users and restricted their field of view/accessibility.

Nature Inspired Algorithms on Energy aware model of sensor network.

Studied various methods and approaches for energy efficient model of sensor networks. Made an elaborate study of bee-colony algorithms. Also analysed the application scope and efficiency of various pre-existing algorithms in the domain.

- implementation of bee-colony algorithm in matlab along with the help of roulette wheel algorithm.

3-D room using Opengl

We used OpenGL library inbuilt functions to build 3D model of a Living room. The room can b projected in all direction with the movement of mouse. Walls of the room are having different texture. Light falling on the walls shows the texture. If the light is put off, no clear texture is seen and the colour of walls and all other items become dim and dark.Dynamism is used to rotate the fan of the room on user's choice.

- Opengl programming in C language.
- Used polygon filling algorithms and opengl inbuilt functions to color the room.

Web page for Jabalpur Academia Initiative

🔗 http://jai.iiitdmj.ac.in

Web page for an initiative to build a sustainable partnership for research and common social initiatives.

- Frontend used- HTML5, CSS, Materialised CSS, Bootstrap, javascript.

JDBC application for finding student's marks information

A GUI application to find students marks and their results by their roll number.

- Backend used- Oracle, JDBC(java database connectivity).
- • GUI development-java swing.

Arkanoid game(bouncing a ball to break the bricks) in python

- Used pygame module to develop the GUI.

ACHIEVEMENTS

Among Top 1.5% merit
Secured position in top 1.5% merit in All India Senior School CBSE XII Boards.

Scholarship
Scholarship for Higher Education(SHE) by DST for securing top 1% in XII CBSE Boards.

Certificate of Merit
1. Merit Of Excellence in 10th Standard.
2. Merit Of Excellence in 12th Standard.

Front-End Web UI Frameworks and Tools
Coursera Course Certificates

Certification URL-
https://www.coursera.org/account/accomplishments/verify/FRJJ9FW2KEJF

COURSES

C programming

Java Programming

Data Structures & Algorithms

Design and Analysis of algorithms

Database and Management

Operating System

Computer Networks

Software Engineering

Computer System Organization and Architecture

Computer Graphics

PERSONAL DETAILS:

Father name- Bijaya Bhusan Mohanty

DOB- 19th March 1996

Hobbies- Reading novels,Traveling and drawing.

Languages Proficiency - English, Hindi, Oriya, Bengali

Current Address: B-209, Hall of Residents-1, PDPM Indian Institute of Information Technology, Design   and Manufacturing,Jabalpur,Madhya Pradesh, India,482005

Permanent Address: C/O-BB Mohanty, Badakhemandi Street, Berhampur, Odisa, 765001

REFERENCES:

Prof. Aparajita Ojha
Computer Science & Engineering Professor, PDPM IIITDM,Jabalpur

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CSE Assistant Professor, PDPM IIITDM,Jabalpur

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Dr. Ayan Seal
CSE Assistant Professor, PDPM IIITDM,Jabalpur

Phone no.: 91-761-2794229
email id: ayan@iiitdmj.ac.in

CO-CURRICULAR ACTIVITIES

🏆 **Secured various prizes in Drama (street play, one act) in college fest TARANG.**

🖌 **First division and Distinction awards in fine arts in All-India Fine Arts Association.**

🏓 **Secured prizes in Throw ball, Table-tennis, Chess in School.**

◑ **Secured prizes in slogan writings, singing, quiz in School.**

POSITIONS OF RESPONSIBILITY:

Student Guide
Counselling Services IIITDM

📅 Aug 2015

Providing moral as well as academic support to juniors.

Working Team Member
Jazbaat-The Dramatics Club of IIITDMJ

📅 Aug 2014

Phone no.: 91-761-2794226
email id: vkjain@iiitdmj.ac.in , vkjain1978@gmail.com

Academic Helper
PDPM IIITDMJ

📅 Aug 2015

Helping juniors to cope up with difficulties of academics.