



PIRAI SUDAN B

Aspiring Software Developer

<https://linkedin.com/in/piraisudan/>

https://leetcode.com/piraisudan_02/

<https://github.com/piraisudan02>

<https://www.hackerrank.com/profile/piraisudan02>

<https://www.youtube.com/@PiraiSudan01>

TECHNICAL SKILLS

- Python
- C Programming.
- C++.
- SQL
- Java.
- Tkinter.
- HTML, CSS, JS.

AREAS OF INTEREST

- Complex Problem Solving.
- Data Structures and Algorithms.
- Object Oriented Programming.
- Database Management System.
- UI/UX (Figma, Canva).
- Front-End.
- GUI using Tkinter.


PERSONAL SKILLS


- Logical Thinking.
- Leadership Quality.
- Creative Thinking.
- Time Management.
- Communication and collaboration.


EDUCATION

- Primary+Secondary education -
M.K.R Ayya Nadar Jeyalakshmi
Ammal English Medium School.
10th-489/600(ICSE board).
12th-552/600(State board).
- Bachelor of Engineering -
Bannari Amman Institute of
Technology.
CGPA - 8.25 (No History of Arrears).

CONTACT

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MY PROJECTS

BINARY CLOCK - (DEC 2022):

Binary clock is the fancy creative clock that shows the time in binary format and also tells the time in word.

Tools used : Tkinter, Pygames and gTTs library.

Concept used : Bit Manipulation, HashMap

Reference : Leetcode, HackerRank

WORD SEARCHER - (SEP 2023)

Word searcher will search the puzzle and provide whether the word is there in puzzle or not.

Tool used : Tkinter

Concept used : Graph, Backtracking.

Reference : Leetcode, GeeksforGeeks.

SUDOKU SOLVER - (MAY 2023):

Sudoku solver is the project which solves the sudoku board that is given to it. The UI is user friendly and easy to handle by user.

Tool used : Tkinter

Concept used : Matrix, Backtracking.

Reference : GeeksforGeeks, Leetcode.

PORTFOLIO WEBSITE - (FEB 2023):

I created a portfolio which displays information about me.

Tools used : HTML, CSS, JS.

Concepts used : Responsive, Dynamic page.

MY ACHIEVEMENTS

Competitions:

- Participated in codefest(28 oct 2022) - PSG college of Engineering.
- Winner of eluclidea (28 oct 2022) - PSG college of Engineering.
- Leetcode contest rating (Till now) - 1,654 (Top 16.33%).
- Coding Ninja -college topper(Sep 2023), Master league.

Courses:

- Problem solving using c (NPTEL)
- DSA using python (NPTEL)
- Solved 986 problems in leetcode and global rank - 11,216.
- HackerRank practice - 5 stars in python and 4 stars in c.

CO CURRICULAR ACTIVITY

Teaching:

Students trainer for c,c++ programming
- (02.02.2023-18.02.2023).

Students trainer for python programming
- (06.10.2022-26.10.2022).

Students trainer for problem solving, data structures and algorithms
- (08.04.2023-22.04.2023).

Youtube channel - Programming with Pirai - Till now.

Volunteering:

Conducted competition at Bannari Amman Institute of Technology - elanzaa 2023 (03.05.2023-04.05.2023).

DECLARATION:

PIRAI SUDAN B, hereby declare that the above written particulars are true to the best of my knowledge.

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