# NENAVATH LALSINGH

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#### **EDUCATION**

Indian Institute Of Information Technology (IIIT) Bhopal

December 2020 - Present CGPA, 7.69

Bachelor Of Technology, Computer Science Engineering

TTWR Junior Collage, Narsapur, Hyderabad

12th Board

April 2019 – April 2020 80.32%

ZP High School, choutakoor, Hyderabad

10th Board

April 2017-April 2018

83.45%

# COURSEWORK /SKILLS

• Data Structures & Algorithms

• Network Security

• Artificial Intelligence

• Web Development

• Operating Systems

• Database Management System (DBMS)

• OOPS Concept

• Android Development

#### **PROJECTS**

### 2048 Game using Python ☑ |

December 2021-Present

• The goal of the 2048 game is to get 2048 in one of the cells.

This game includes a single player. The game starts with only two tiles and the lowest number tile is two, then player have to combine the titles and make a high numbers tile. Here we use the tkinter python library for creating a graphical user interface that is a GUI and also we have to import random python module. We have successfully developed popular 2048 game in python. It's great fun to develop a game rather than playing other's games, now we will play the game which we developed.

# Technologies used: HTML, CSS Javascript Ruby PHP

December 2021

• Libraries and Frameworks: React, pygame ,tkinter PIP (game logic is implemented in board.js. It was much cleaner at first, but in order to get movement animations, a lot of state needs to be saved for each of the tiles on the board. The pygame library is an open-source module for the Python programming language specifically intended to help you make games and other multimedia applications

# Blood Bank Management System 🗷

may 2022

• Blood Bank Management System is a browser Blood Donation Camp Camp Organiser Management. - Donor Management - Donor Registration, Managing donor database, recording their physical and medical statistics. -Inventory management in blood bank for storage and issuance of blood. - Blood requisition and issuance of blood. - Online transfer of blood from one blood bank to another. - Discarding of expired and unsuitable blood (Less Qty., Reactive, Clotting, Hemolysis). - Being a web based system, can be implemented throughout the state. - - Separate user accounts can be created for each blood bank. - Patient Register/Blood Sample Receiving Register, Donor Register, Blood Issue Register and Discarded Blood report. - Fridge Wise Stock Position and Printing of Fridge Stickers.

HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++ CSS: (Cascading Style Sheets) Create attractive Layout Bootstrap: responsive design mobile freindly site JavaScript: it is a programming language, commonly use with web browsers. Back end: PHP, MySQL

PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software. MySQL: MySql is a database, widely used for accessing querying, updating, and managing data in databases the relationship with Disease finder and Blood Specimen is 1 to many. That's why primary key of Disease finder is used as a foreign key in Blood Specimen. The relationship with Disease finder and Blood Specimen is of 1 to many. Therefore, the primary key of Disease finder is used as a foreign key in Blood Specimen. Front end: HTML, CSS, JavaScript

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#### **EXPERIENCE**

# currently starting a new project $\square$

March 2021 - Present

web development along with python

• Currently contributing built a website and currently working on a project related to websites of blood Donation and records.

## TECHNICAL SKILLS

Languages: C, C++, Java, Python, HTML, JavaScript, SQL, NoSQL

Tech Stack: Vs code ,Linux,GitHub,PHP

Libraries/Frameworks: Tkinter, Django, numpy, pygame, Node js, React js Flutter

Database: Oracle, Mango DB , MySql

#### **ACHIEVEMENT**

# Competitive Programming

September 2021– Present

- CodeChef ,leetcode Exploring the Algorithms and solving competative problems based on Dta structures.
- Currently solving algorithms.

#### Additional Information

- Languages know : Telugu Hindi, English
- Hbbies: Playing chess, and Coding exploring
- Courses and Subjects: Data Structure and Algorithms, Database management system, operating system, object-oriented programming and computer Networks 🗷 •