RAYHAN ABDURRAHMAN
B.E. - Computer Science & Engineering

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KEY EXPERTISE

SQL   Python   Java   Problem Solving   Creative Problem Solving   Algorithms   Data Structures

Software Development   Front-End Web Development   HTML   CSS   Javascript   ReactJS   NodeJS   Full Stack

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering (SSN), Chennai   2021 - 2025
B.E. - Computer Science & Engineering | CGPA: **8.64 / 10**

Vidhya Niketan Public School, Chennai   2021
12th | CBSE | Percentage: **96.20 / 100**

Vidhya Niketan Public School, Chennai   2019
10th | CBSE | Percentage: **96.20 / 100**

PROJECTS

Online Quiz   05 May, 2024 - 12 May, 2024
Team Size: 3

Key Skills: HTML   CSS   JavaScript   ReactJS   NodeJS   MongoDB   Full-Stack

An online quiz which keeps track of your high score.

Recipe Finder   02 May, 2024 - 09 May, 2024
Team Size: 1

Key Skills: HTML   CSS   JavaScript   ReactJS   NodeJS   MongoDB

A recipe finder full-stack application using ReactJS, NodeJS, and MongoDB

Youtube Algorithm Analysis   01 Oct, 2023 - 05 Nov, 2023
Team Size: 3

Key Skills: Big Data Analytics   Hadoop   Spark   Pyspark   Python

A big data analytics project to analyse the key factors influencing the Youtube Recommendation Algorithm

Library Management System   01 May, 2023 - 01 Jun, 2023
Team Size: 3

Key Skills: SQL Server   SQL   Java Swing   GUI

To design a Library Management System, using Java Swing for the Front end and SQLPlus for the backend

Taxi Management System   01 Jan, 2023 - 01 Feb, 2023
Team Size: 3

Key Skills: Java Swing   OOPs   Core Java   File Handling

Project Link: https://drive.google.com/drive/folders/1cpyl10MQSH5rCUy9IIxa0XjeGvuXKakK?usp=share_link

To design a taxi reservation system, similar to OLA/Uber

Java was used for the front end.
Files were used as the back end storage.

Exam Timetable Generation   01 Jun, 2022 - 01 Jul, 2022
Team Size: 3

Key Skills: C Programming   File Handling

To design an algorithm for timetable generation for all 8 semesters, along with hall allocation.

Endless Runner Game Using Python
01 Feb, 2022 - 08 Feb, 2022

Team Size: 1

Key Skills: Python   Game Design   Pygame   tkinter   GUI

Project Link: https://drive.google.com/drive/folders/1WL07b0FfM_dCBEDZe6hH3p0yXCvHoZlX?usp=sharing

An endless runner game similar to the Google Chrome Dinosaur game.

Food Delivery System
01 Jul, 2020 - 01 Jan, 2021

Team Size: 3

Key Skills: Python   SQL   MySQL   DBMS   GUI

Project Link: https://drive.google.com/drive/folders/1rUSDxw37Q1MOT7NZE6JOklliq72kKmoB?usp=share_link

To create a Food Delivery System, similar to Swiggy.

TicTacToe
15 Dec, 2019 - 06 Jan, 2020

Team Size: 2

Key Skills: Python   Problem Analysis   Creative Problem Solving

Project Link: https://drive.google.com/drive/folders/1LNH0KuOGSRpC6dmyhVwRh0h3EH25R_Dm?usp=share_link

A game of tictactoe, which can be played between two humans, or a human and a CPU.

ASSESSMENTS / CERTIFICATIONS

NPTEL Certification
Aggregate: 65 / 100
Subjects: Ethical Hacking (65 / 100)
NPTEL Certification for Ethical Hacking

NPTEL Certification
Aggregate: 62 / 100
Subjects: Natural Language Processing (62 / 100)
NPTEL course on the basics of Natural Language Processing

SEMINARS / TRAININGS / WORKSHOPS

Doing Data Science With Julia
29 Sep, 2023 - 29 Sep, 2023

Institute Name: Sri Sivasubramaniya Nadar College of Engineering

Key Skills: Data Science   Python   Julia

The Objective of the Workshop on Doing Data Science with Julia is as follows:
1) Why Julia? A Gentle Introduction to Julia
2) Data handling with DataFrames in Julia
3) Predictive Modeling with Julia

React JS Workshop
28 Oct, 2022 - 28 Oct, 2022

Institute Name: IEEE Student Club Of SSN

Key Skills: HTML   Javascript   ReactJS

A workshop detailing JavaScript and it's various functionalities and applications

EXTRA CURRICULAR ACTIVITIES

- U-16,U-18 Basketball at the Sahodaya Inter-school Tournament, Played Basketball in the Inter-Year Tournament

PERSONAL INTERESTS / HOBBIES

- Youtube Content Creation(Channel Link: https://youtube.com/@BarristaKilla), Basketball, Table Tennis, Cricket, Gym, Social Media Marketing, Video Games and Their Development

PERSONAL DETAILS

Gender: Male

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