



Saad Ahmed Raja


Date of birth: 29/01/2003

Nationality: Pakistani

Gender: Male

CONTACT

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 [Github.com/saadraj4](https://github.com/saadraj4) (**GitHub**)

ABOUT ME

MERN Developer

I am a highly motivated MERN developer with a strong grasp of data structures and algorithms. My expertise spans frontend technologies and frameworks including HTML, CSS, Tailwind CSS, Bootstrap, and ReactJS. With a keen understanding of data structures, I excel in designing efficient and scalable solutions that prioritize performance.

I am eager to apply my technical prowess, problem-solving abilities, and commitment to excellence in a challenging role as a MERN developer. Continuously learning and adapting to industry trends, I ensure that my solutions are both efficient and innovative. I thrive in collaborative environments where I can contribute creatively to impactful projects, delivering exceptional user experiences.

EXPERTISE

Expertise

- Web Development(MERN)
- Mobile App Development (Kotlin)
- Data Structures and Algorithm
- C/C++Java/Python
- MS-Office Management/automation
- Bug Fixing
- Error Handling

SKILLS

Skills

- Critical Thinking
- Leadership
- Team Management
- Problem Solving
- Time Management
- Communication
- Attention to Details
- Creativity

EDUCATION AND TRAINING

02/09/2020 – 13/06/2024 Sukkur, Pakistan

BS-Computer Science Sukkur IBA University

Website <https://www.iba-suk.edu.pk/>

WORK EXPERIENCE

2020 – CURRENT Pakistan

Freelancer Web Development

- Developed and maintained different websites
- Ability to tackle the bug occurs in development.
- Ability to manage and develop a complex website

2021 – CURRENT Pakistan

Freelancer Data Structures and Algorithms

- In-depth knowledge of various data structures, including arrays, linked lists, stacks, queues, trees, graphs, and hash tables.
- Strong understanding of algorithmic concepts such as searching, sorting, recursion, dynamic programming, and graph traversal.
- Proficiency in programming languages commonly used for implementing data structures and algorithms (e.g., C++, Java, Python).

VOLUNTEER WORK AND AFFILIATION

2021 – 2022

Member, Community Welfare Society (CWS)

Sukkur IBA University

2021 – CURRENT

Volunteer

Al-Shifa Trust Sukkur

2021 – 2024

Member, Computer Science Society (ACM)

Sukkur IBA University

PROJECTS

Airline-Management

Demonstration of Airline System that uses different data structures to store and manage different types of data. Efficiently plan and optimize flights, considering weather, costs, and airport data for missions.

Link <https://github.com/saadraj4/Airline-Management.git>

World-Cities-Sorting

This repository contains the algorithm for merge sort and quicksort applied on world cities based on latitude.

Link <https://github.com/saadraj4/World-cities-Sorting.git>

Employee Management System

A comprehensive Employee Record Management System built using linked lists, capable of inserting, deleting, and updating employee records, along with advanced search and salary update functionalities. The project also includes a user-friendly graphical interface for efficient record management

Link <https://github.com/saadraj4/Employee-Management-System.git>

Snake Game

Developed a multi-level Snake game in C#, showcasing dynamic game mechanics and engaging user experience.

Link <https://github.com/saadraj4/Snake-Game.git>

Book it - Blockchain based Online Ticketing System

A blockchain-based web application for secure and transparent booking management. It uses blockchain to ensure data integrity and trust in booking transactions.

Link <https://github.com/saadraj4/fyp-bookit>

Rock Paper Scissor

Developed a Rock Paper Scissors game in Kotlin, featuring smooth gameplay mechanics, clear visual feedback, and a user-friendly interface for an enjoyable gaming experience.

Link <https://github.com/saadraj4/rock-paper-scissor.git>

Analysis of Telecom Customer Churn

An in-depth exploration of telecom customer churn, offering data-driven insights and predictive models for effective mitigation

Link <https://github.com/saadraj4/Analysis-of-telecom-Customer-Churn.git>

Motion Analysis Using Accelerometer and Gyroscope Data

Motion Analysis using Accelerometer and Gyroscope Data. Python code for detecting motion events, estimating speed with Kalman Filter. Easily customizable

Link https://github.com/saadraj4/Motion_Analysis_using_Accelerometer_and_Gyroscope_Data.git

Reddit Scraper

Reddit Scraper - Extract data from Reddit with Python. Efficient, customizable, and API-compliant. Parse and store data for analysis. Community-supported. Open-source license.

Link https://github.com/saadraj4/Reddit_Scraper.git