

Saif-ur-Rehman

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OBJECTIVE

Passionate Computer Science student at FAST University Islamabad with a strong passion for full stack development, artificial intelligence, and machine learning. Eager to contribute to innovative ideas and impactful projects by leveraging modern technologies and problem-solving skills.

TECHNICAL SKILLS

Programming Languages: C++, C#, SQL, Java, Python, HTML, CSS, JavaScript

Frameworks & Tools: MERN Stack (MongoDB, Express.js, React, Node.js), Spring Boot, JavaFX, .NET, Oracle, VSCode, PyTorch

Areas of Interest: Full Stack Development, Artificial Intelligence, Machine Learning

PROJECTS

Certificate Verification using Blockchain and IPFS | [LINK](#)

- Built a decentralized certificate verification system that stores documents on IPFS and their hashes on the blockchain, enabling instant detection of tampered or fake university-issued certificates.

University Chat Application Using Java, JavaFX, and Oracle | [LINK](#)

- Built a JavaFX chat application for university students with Oracle backend, enabling discovery and joining of interest-based groups, solving limitations of platforms like WhatsApp by streamlining group access and centralized announcements.

Pacman Game Using Assembly Language | [LINK](#)

- Developed a Pacman game implementing game logic and rendering using Assembly language. Focused on low-level programming and memory management.

E-Commerce Desktop Application Using C# and SQL | [LINK](#)

- Created a desktop application with a user-friendly interface. Implemented database functionalities using SQL for data storage and retrieval.

Enchanted Labyrinth Explorer – 2D Puzzle Adventure Game (OOP + DSA) | [LINK](#)

- Designed and developed a 2D puzzle-adventure game featuring maze navigation, item collection, and magical challenges, focusing on immersive gameplay and level progression mechanics.

Food Recipe Application Using HTML, CSS, JavaScript, and MealDB API | [LINK](#)

- Developed a responsive recipe application that fetches multiple food items by category from the MealDB API and displays detailed recipes upon user selection, enhancing interactivity through dynamic content rendering.

EDUCATION

FAST University, Islamabad

Bachelor of Science in Computer Science

Expected Graduation: 2026

Current Semester: 6th

Cadet College Palandri

FSc. (Pre-Engineering)

Apr 2020 – Jun 2022

COURSES

Programming Fundamentals

Object-Oriented Programming

Data Structures

Databases

Operating Systems

Software Design and Analysis

Computer Networks

EXTRACURRICULAR ACTIVITIES

Participant FCPS Coding Competition | ICPC Coding Competition | Usher at Job Fair | Football | Pingpong