

# <MUHAMMAD IBRAHIM>

## EDUCATION

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- **FAST-NUCES** BS(Computer Science)-2023

## WORK EXPERIENCE

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### Tech Intern - ITitans

July 2022 - Sep 2022

- Successfully completed a comprehensive study of various concepts in Python, including RESTful API development.
- Learned agile methodology "Scrum" and gained hands on experience.
- Worked on inventory management system project utilizing Flask,Python and React Js.

### Teaching Assistant - FAST NUCES

Sep 2022 - June 2023

- Parallel and Distributing Computing course.

### MEMBER OF FAST SILENT STEPS SOCIETY

September 2021 - Jan 2022

- Actively participated in organizing educational awareness campaigns within the community.
- Organized and facilitated awareness campaigns on thalassemia and COVID-19.
- Collaborated with a team to plan and execute community-based initiatives focused on education and health.

## SKILLS & PROFICIENCIES

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- Python,Flask,SQL,Postman,Firebas e.
- HTML,CSS,Javascript
- Android Native,C++.
- Agile Software Development

## CERTIFICATIONS

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- HackerRank  
SQL(Basic,intermediate)

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## PROJECTS

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### Kachra Be Gone(Final Year Project):

- Developed a system that facilitates efficient waste management.
- Integrated Azure Computer Vision service to automate object recognition and categorization of garbage types.
- Collected and stored user-submitted data for insightful information.

Link:<https://github.com/ibrahim-coder/KachraBeGone.git>

### Olympic Medal Predictor(Data Science):

- Conducted EDA on the "120 years of Olympic history: athletes" dataset, exploring athlete performance, profiles, and Utilized data visualization and statistical techniques to uncover trends and patterns.
- Used **Random Forest Classifier** for Olympic medal forecasts. Utilized demographic data, including historical performance, athlete profiles, and national sports programs, to enhance prediction accuracy.

### Dawai Saholat App:

- Applied Object-Oriented Design (OOD) principles to ensure a well-structured and maintainable software design.Designed Use case Diagarm,Class Diagram.Activity Diagram etc.

Link:[https://drive.google.com/drive/folders/15HjO488JnlfkxDZHH\\_CWj-EV-5vgSYUm?usp=sharing](https://drive.google.com/drive/folders/15HjO488JnlfkxDZHH_CWj-EV-5vgSYUm?usp=sharing)

### Chess Game:

- Developed a console-based chess game demonstrating proficiency in C++ programming and object-oriented principles.Utilized inheritance and polymorphism Concepts.

Link:<https://github.com/ibrahim-coder/Chess-Game-cpp>