



## About Me

A backend developer specializing in REST APIs, Python automation scripting, & CRM data migration. My expertise extends beyond Flask to various backend solutions gained through practical experience. I am dedicated to delivering top-tier results in collaborative, cutting-edge web development projects.

## Skills

- **Languages**  
C, C++, Python, Solidity
- **Web Development**  
HTML/CSS, JS, Bootstrap
- **Frameworks**  
MERN, Flask
- **Database**  
SQL, MongoDB
- **Version Control**  
Git, GitHub
- **Project Management**  
Trello, Draw.io
- **Editors**  
Visual Studio, VS code, Replit

## Certificates

- **Graphic Designer**  
2019 | Digiskills
- **Freelance**  
2019 | Digiskills

## Achievement

- **Teaching Assistant**  
08/2022 - 01/2023 | FAST-NUCES

## Work experience

### Codeaza Technologies

07/2023 - Present

Starting with database concepts review, I swiftly transitioned to practical application using MySQL Workbench in backend projects. Specializing in crafting efficient REST APIs, I successfully managed multiple projects while coordinating with the frontend team. Later, I focused on CRM API automation scripting and adeptly handled data migration from Bullhorn, Metabase, and HubSpot CRMs. Utilizing Docker for Python script deployment further enhanced my solutions. This journey broadened my skill set, enabling effective contributions across diverse domains.

## Education

### Bachelor of Science in Computer Science

09/2019 - 06/2023

FAST-NUCES Islamabad Campus  
CGPA : 3.15

### FSC Pre-engineering

09/2016 - 09/2018

Punjab College Of Information And Technology, Rawalpindi

## Projects

### Solid-Ecom

Spearheaded the backend API development, architecting robust solutions for dashboard analytics, user management, and role-based access control within a comprehensive front-end/backend e-commerce platform.

### Stock Rulebook

Developed backend APIs enabling automated scraping of rulebooks from diverse websites, establishing a system for scheduled content comparison and updates.

### Boxlabs Access Control

Engineered an automated Python script to streamline user role permission updates on Metabase CRM, optimizing access control workflows and enhancing operational efficiency.

### Hello Hive

Utilized Python script to facilitate seamless data synchronization between Metabase & HubSpot CRM, meticulously managing applications, student and opportunity records, and column mappings ensuring accuracy and consistency.

### Miso Exchange

Automated the retrieval and storage of real-time currency exchange rates from an API into a MySQL database, bolstering data accuracy and accessibility for a financial data management system.

### Bull-Horn TRI-Amtec

Orchestrated a methodical data migration strategy between CRM instances, ensuring meticulous handling of extensive data, prioritizing data integrity, and preserving key constraints throughout the migration process.

### Reddit Sentiment Analysis

Fetches live comments from reddit API and performed sentiment analysis and displayed result on dashboard using flask along with Jenkins & GitHub actions