# MUHAMMAD HANZALA

## PYHTON DEVELOPER

## CONTACT

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## EDUCATION

**2023 - Present**
**KICSIT, KAHUTA**

- Computer Science

**2020-2023**
**ARMY PUBLIC COLLEGE FOR BOYS JHELUM**

## SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

## LANGUAGES

- English (Fluent)
- Punjabi (Fluent)
- Urdu (Fluent)
- Saraiki (Intermediate)

## PROFILE

I am a motivated and adaptable Computer Science student with a growing passion for technology, digital systems, and real-world problem solving. I possess a strong foundation in programming, web development, and data handling, along with excellent communication and time management skills. With hands-on experience in building encryption algorithms and managing full-stack projects like airport management systems, I thrive in dynamic environments that require creativity, collaboration.

## WORK EXPERIENCE

**IS Project: File Encryption & Decryption**                2024

- Developed a secure file encryption and decryption toolkit in Python by implementing multiple classical and symmetric encryption algorithms including Hill Cipher, Vigenère, Rail Fence, One-Time Pad, and DES. The system emphasized confidentiality, integrity, and secure data transmission.
- Tech Stack: Python, Cryptography Concepts, File Handling

**Web-Based Project: Airport Management System**                2025

Designed and implemented a full-stack airport management web application using Flask, MySQL, and MongoDB. The system managed flight bookings, staff assignments, and real-time log entries with role-based access control. Employed Trello and Notion for task management, ensuring collaborative development workflow.

Tech Stack: Flask, MySQL, MongoDB, HTML/CSS, Trello, Notion

**Freelance Canva Designer (Informal)**                2025

Role: Freelance Graphic Designer

Designed resumes, Instagram posts, flyers, and certificates for peers and local contacts using Canva. Completed 15+ design requests and received positive feedback for aesthetics and timely delivery

## REFERENCE

References available upon request.