## Mashal Zerak

### Computer Engineer

**CONTACT Phone**: +923318525892 **Address**: E11/2 ISLAMABAD

Email: mzerak25@gmail.com Portfolio: https://portfoliomz505.netlify.app/

#### **ABOUT ME**

A passionate and results-driven Computer Science graduate with strong programming expertise and hands-on experience in software development, AI, and real-time reporting systems. Skilled in building web and desktop applications, developing intelligent chatbots, and implementing data-driven solutions to address real-world challenges. Known for combining technical proficiency with a people-focused mindset, delivering solutions that are both innovative and practical.

#### **EDUCATION**

#### NNational University of Modern Languages (NUML) | 2021-2025

MBachlor in Computer Science

• GPA: 3.49

Active participant

Member of NCSS

#### Merzakhil Boys High School |2007-2019

Marks: 95 %

## PROFESSIONAL EXPERIENCE

#### IT Technical Support Manager and Reporter | 2024 - 2025

Key Responsibilities and Achievements

- IT Helpdesk Management
- Technical Issue Resolution
- Daily Reporting
- · Problem-Solving and Technical Contributions
- Operational Efficiency Improvements
- Professionalism and Leadership

#### Even 2021 - Present t Management, NCSS | 2021 - 2024

Key Responsibilities and Achievements

- Organized and managed events at the university level.
- Lead event management teams to ensure successful execution of various events.

# Volunteer, Pink Lady Campaign with SHIFA During Degree Foundation | During Degree Key Responsibilities and Achievements

- Assisted in organizing and promoting events for cancer prevention awareness.
- Engaged with the community to raise awareness and support for the campaign.

#### **PROJECTS**

#### **NUML Admission Mentor**

link:https://frolicking-salmiakki-8b8613.netlify.app/

NUML Admission Mentor – An Al-powered chatbot system designed to assist
prospective students with the admission process at NUML University. The system
uses Natural Language Processing (NLP) and Machine Learning (ML) to answer
frequently asked questions, provide personalized guidance, and simplify
admission-related queries. Built with a ChatGPT-style interface for seamless
interaction, ensuring accessibility and user-friendly navigation for applicants.

#### **Pharmacy Management System**

link:https://github.com/Mz505/Final-APMS

 Pharmacy Management System (Akramzada International MHPSS) – A fully functional MERN Stack application built with TypeScript, designed to streamline pharmacy operations and ensure efficient medicine management. The system supports inventory tracking, prescription handling, sales management, and reporting in real time. Developed as a featured and actively running app, it enhances operational efficiency for Akramzada International MHPSS by improving accuracy, reducing manual work, and providing a secure, scalable solution for dayto-day pharmacy needs.

#### **Explore Afghanistan**

comming soon

 Explore Afghanistan (Mobile App) – A soon-to-be-launched travel companion app designed to make exploring Afghanistan seamless and enjoyable. Built with a focus on user convenience, the app enables tourists to book hotels, reserve transport, hire professional guides, and access Al-powered recommendations tailored to their journey. It also features live maps, real-time weather updates, traffic insights, and location-based information, ensuring safe and informed travel. Currently under development and will be available soon on the Google Play Store.

#### **NUML Afghan Student Council Website**

link:afghanstudentcouncil.netlify.app

NUML Afghan Student Council Website – A MERN Stack platform built with
TypeScript to serve as the official digital space for the Afghan Student Council at
NUML. The website provides event updates, announcements, resources, and
student engagement features, offering Afghan students a centralized hub for
communication and support. Designed with a modern, responsive UI and backed
by a scalable architecture to ensure smooth performance and accessibility across
devices.

#### **SKILLS**

#### **Soft Skills**

Attention to Detail, Problem-Solving, Communication, Teamwork & Collaboration

#### Languages to speak

- Pashoto(Native)
- Persion(Fluent)
- Urdu(Fluent)
- English(Fluent)

#### **Technical Skills**

- Computer programming languages (C++,Java,C#,PHP,Java Script)
- Databases(MongoDB, Supbase, sql/mysql)
- MERN Stack
- Computer Network (MCSE,CCNA)

$\sim$	 	_	TES

Event Management	Certificate of Appreciation
NCSS from NUML	Akramzada Interantional MHPSS
Pink Lady Campaign	Certification of Participation

#### **REFERENCES**

Refrence will be provided on demand.