Murtaza Kazmi
undergraduate student

Computer Science undergraduate student with strong coding skills and a passion for innovation, seeking opportunities to apply knowledge and drive technological advancements.

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📍 Rawalpindi, Pakistan

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SKILLS

- ASP.NET
- C++
- Kotlin
- c#
- SQL
- Andriod Development (Kotlin)
- Frontend (HTML+CSS)
- Assembly (8086)
- JAVA
- Python
- Matlab (MATH)

LANGUAGES

English
Professional Working Proficiency

Urdu
Native or Bilingual Proficiency

INTERESTS

- Gaming
- Coding
- Reading
- Travel

EDUCATION

Undergraduate
NUCES (FAST)

06/2021 - Present   *Islamabad*

Courses
- ☐ Bachelor of Science (Computer Science)

WORK EXPERIENCE

Android Development Intern
Cyber Tech & Infomation Assurance Division Alpha 9 , NASTP

06/2024 - 08/2024   *Rawalpindi*

As an Android Development intern, I developed advanced UI components (RecyclerView, CardView), managed data storage using SQLite and Room, and handled networking with Retrofit. I mastered asynchronous tasks with Coroutines and AsyncTask, and prepared apps for deployment, including on Google Play Store.

ML/DL Fellow Intern
Bytewise Limited

06/2024 - 08/2024   *Remote*

During my fellowship internship, I gained expertise in machine learning and deep learning. The program covered Git, Python, data cleaning with Pandas, visualization with Matplotlib, and neural network building using Keras and TensorFlow. I worked on projects involving classification, regression, and feature engineering.

PERSONAL PROJECTS

Bright Wheels: Car Wash Application (JAVA) (11/2023)
- ☐ Bright Wheels is a Java-based car wash application built with SQL and the Swing library. It streamlines the car wash process by offering features like appointment scheduling, customer profile management, wash history tracking, and payment handling. With a user-friendly interface and robust data management, Bright Wheels enhances both customer satisfaction and operational efficiency.

Mentor Me: Comprehensive Mentorship Platform (Kotlin) (03/2024)
- ☐ Developed Mentor Me, a Firebase-backed mentorship platform with user authentication, mentor management, push notifications, multimedia messaging, and offline capabilities. Integrated Agora API for video/audio calls and optimized image caching using Picasso for enhanced performance. Aimed at fostering meaningful mentor-mentee interactions with a seamless user experience.

Doctoroid : Healthcare Application (Kotlin) (4/2024)
- ☐ Doctoroid, a Kotlin-based healthcare app, offers a range of features for seamless medical assistance. Users can register/login, manage profiles, and doctors can join for patient interaction. Features include appointment booking, direct messaging with doctors, emergency service locator, medicine tracking, and information finder. With support for medical history, labs, and customer service, Powered by Firebase, web services, SQLite, and health APIs, it delivers reliability and convenience.

FINAL-YEAR-PROJECT-MANAGEMENT-SYSTEM (ASP.NET , C#) (4/2024)
- ☐ Inefficient FYP management impacts students, supervisors, and committees, hindering efficiency and collaboration. Manual processes lead to errors and communication gaps. A web-based FYPMS automates tasks, improves communication, and ensures secure access, enhancing collaboration, workload management, evaluation submissions, and security measures.

FLEX Database System (ASP.NET , C#) (05/2023)
- ☐ FLEX is a database system at FAST NUCES for managing academic information. It enables student enrollment, course registration, scheduling, and performance tracking. Users, including Academic Officers, Faculty, and Students, have specific interfaces. The system prioritizes user-friendly interfaces, efficient data processing, security, scalability, and integration with other systems.

Brick Breaker Game (Assembly 8086) (12/2022)
- ☐ In brick breaker, players move a paddle to hit a ball and eliminate all bricks at the top of the screen. If the ball hits the bottom, the game ends. Levels must be completed in sequence within a 4-minute time limit. The goal is to win without losing all 3 lives.