

ANIQA HANIF KHAN

Computer Scientist

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Profile

I have worked for mobile and web applications. I am fluent in development using classics like Python, C++, JavaScript and Java. In addition to this, I like to use AI tools and techniques to revolutionize the world and make it a better place, especially for underrepresented groups.

Education

BS COMPUTER SCIENCE (2020-2024)

National University of Computer and Emerging Sciences (FAST-NUCES) Lahore

- CGPA: 3.69
- Secured 2nd position with a Silver Medal in Spring 2023 and 1st position with a Gold Medal in Spring 2024
- Consecutive Dean's and Rector's List Award Holder
- Secured the top position in the SOFTEC'24 Software Project Competition with my Final Year Project

Projects

Alzheimer's Dementia Detection System (FYP)

📅 08/2023 - 06/2024

- Analyzed scholarly articles to identify key language-independent features critical for Alzheimer's detection
- Utilized Whisper and OpenSmile to extract features from 500+ audio samples
- Collaborated in a 3-member team to integrate research findings, successfully developing a prototype

Handwritten Digits Recognition

📅 04/2023 - 05/2023

- Created a Flask-based application for digit classification with an SVM algorithm, increasing tool usability
- Used MNIST dataset to train the classifier

Blood Care

📅 03/2023 - 05/2023

- Developed an android application for seamless blood donation process using Spring Boot and PostgreSQL
- Developed a RESTful API, ensuring robust backend communication
- Integrated Android's location services to track location of users

Teledoc

📅 08/2022 - 12/2022

- Developed a web application using Spring Boot, MySQL and Thymeleaf
- Implemented the Stripe Payment Gateway to facilitate seamless payment processing

Meal Maven

📅 09/2023 - 12/2023

- Developed a web application using MERN stack
- Implemented a user-friendly blog feature allowing users to access fitness articles and event updates with ease

Skills

- C++
- Java
- Python
- Spring Boot
- MERN
- HTML
- CSS
- MySQL
- PostgreSQL
- VS Code
- Android Studio
- Google Colab